

January-December 1952

January

February

March

April

May

June

July

August

September

October

November

December

January

Date	Caption	Dept.	Photographer	Number
1-2	Graph for Slide	Kraushaar Physics	Lasky	1-1-2
1-3	Close-up of coil cross section	Lasky Cosmotron	Walton	1-2-2
1-3	Jig used for winding coil for Baby cyclotron	Lasky Cosmotron	Walton	1-3-2
1-3	Winding coil for Baby cyclotron	Lasky Cosmotron	Walton	1-4-2
1-3	Post Mortem on Mrs. Schultz	Godwin Medical	Walton	1-5-2 thru 1-12-2
1-3	Barley seedlings radiation test	Singleton Biology	Walton	1-13-2
12-26-51	Standardization Galena	Ruby Chemistry	Simack	1-14-2 & 1-15-2
12-26-51	Standardization Pyrite	Ruby Chemistry	Simack	1-16-2 & 1-17-2
1-3	Radioactive Vitamine B ₁₂ prepared by Direct Neutron Irradiation	Anderson Chemistry	Simack	1-18-2
1-3	Purification and Identification of Vitamin B ₁₂ -Co ⁶⁰	Anderson Chemistry	Simack	1-19-2
1-3	Synthesis of C ¹⁴ Compounds via <u>In Situ</u> (n,p) Reaction	Anderson Chemistry	Simack	1-20-2
1-3	Reactions and Possible Structures for Potassium Carbonyl	Anderson Chemistry	Simack	1-21-2
1-3	Copies of Broken Slides	Wolfsberg Chemistry	Simack	1-22-2 & 1-23-2
1-4	Loading Sodium into vial before radiation	Burt Reactor	Walton	1-24-2
1-4	After Sodium has been radiated, it is placed into a shipping "pig" for shipment to Harvard Medical School	Burt Reactor	Walton	1-25-2
1-4	Chromosome Fragmentation by X-Rays during Meioses (without chicken feet)	Sparrow Biology	Hull	1-26-2

Date	Caption	Dept.	Photographer	Number
1-8-	Graph-Physical Chem. Service	Harrigan Reactor	Simack	1-27-2
1-8	Graph-Canal	Harrigan Reactor	Simack	1-28-2
1-8	Graph-Irradiation Facility	Harrigan Reactor	Simack	1-29-2
1-8	Methods of Cytophometric measurement of Nuclei	Moses Biology	Simack	1-30-2
1-8	Photo. apparatus used in Biology	Moses Biology	Simack	1-31-2 & 1-32-2
1-8	Graphic Atomic Per Cent Uranium	Tietel Reactor	Simack	1-33-2
1-8	Concentric sphere type of Beryllium Photo-neutron Source-Fig.3	Hughes Physics	Simack	1-34-2
1-8	Figure 1	Hughes Physics	Simack	1-35-2
1-8	Benzene Rings	Anderson Chemistry	Simack	1-36-2
1-8	Diagram 1	Anderson Chemistry	Simack	1-37-2
1-8	Diagram 2	Anderson Chemistry	Simack	1-38-2
1-8	Copy from "Organic Chemistry" for slide	Kochland Biology	Simack	1-39-2
1-8	Copy from "The Enzymes" for slide	Kochland Biology	Simack	1-40-2
1-9	P.M.s of Cancer Cells	Godwin Pathology	Smith	1-41-2 thru 1-49-2
1-9	P.M. of Barley Chromosomes (A)	Caldicott Biology	Smith	1-50-2
1-9	P.M. of Barley Chromosomes (B)	Caldicott Biology	Smith	1-51-2
1-9	Copy of X-ray film	Gross Reactor	Simack	1-52-2

Date	Caption	Dept.	Photographer	Number
1-9	Composite of P. M.s	Bowen Biology	Lasky	1-53-2 & 1-54-2
1-10	Segregation of Pancreas Carbon into Zilversmit Components	Steele Biology	Lasky	1-55-2
1-10	Segregation (Cont.)	Steele Biology	Lasky	1-56-2
1-10	Copy of Figure from Phys.Rev. for Slide	Weneser Physics	Lasky	1-57-2 & 1-58-2
1-3	Looking down into canal (File) at cobalt source	Manowitz Reactor	Walton	1-59-2
1-3	File canal-showing tubes containing sources	Manowitz Reactor	Walton	1-60-2
1-3	Reactor - Pill Pusher	Miles Reactor	Walton	1-61-2 thru 1-65-2
1-3	Metallurgy-Uranium slug in sleeve	Iseli Reactor	Walton	1-66-2
1-3	Stud-bolt - holder for source	Iseli Reactor	Walton	1-67-2
1-3	Exploded view of source and stud bolt	Iseli Reactor	Walton	1-68-2
1-3	Circulating pump - General view	Iseli Reactor	Walton	1-69-2
1-11	Neutron Velocity Selector	McReynolds Physics	Bull	1-70-2
1-23	Graphs for Slides	Hughes Physics	Lasky	1-71-2 thru 1-73-2
1-23	Neutron Velocity Selector	Hughes Physics	Bull	1-74-2 & 1-75-2
1-23	Tentative plan for gamma irradiation facility	Manowitz Reactor	Lasky	1-76-2
1-3	Reactor - Pill Pusher	Miles Reactor	Walton	1-77-2 thru 1-92-2

Date	Caption	Dept.	Photographer	Number
1-14	P.M.s of Barley Chromosomes	Caldicott Biology	Smith	1-93-2 thru 1-97-2
1-14	Barley seedlings	Caldicott Biology	Smith	1-98-2 & 1-99-2
1-14	Barley seedlings in petrin culture	Caldicott Biology	Smith	1-100-2
1-10	Two Quenchers	Weiss H.Phys.	Walton	1-101-2
1-10	Complete amplifier, charger and quencher assembly	Weiss H.Phys.	Walton	1-102-2
1-10	Bottom view of amplifier unit	Weiss H.Phys.	Walton	1-103-2
1-10	Bottom view of charger unit	Weiss H.Phys.	Walton	1-104-2
1-10	Rear view of charger unit	Weiss H.Phys.	Walton	1-105-2
1-10	Front view of charger unit	Weiss H.Phys.	Walton	1-106-2
1-10	Rear 3/4 view of amplifier unit	Weiss H.Phys.	Walton	1-107-2
1-10	Front view of amplifier unit	Weiss H.Phys.	Walton	1-108-2
1-14	Barley Seedlings	Caldicott Biology	Smith	1-109-2
1-14	Composite of P.M.s	Bowen Biology	Lasky	1-110-2
1-15	Graph - Bethe's Statistical Theory	Olexsa Reactor	Bull	1-111-2
1-15	Graph	Olexsa Reactor	Bull	1-112-2
1-15	Dependence of R on Hydrogen Concentration in the Photolysis of Hydrogen Bromide	Schwarz Chemistry	Lasky	1-113-2
1-15	Dependence of splitting Fraction, f, in Helium Concentration	Schwarz Chemistry	Lasky	1-114-2

Date	Caption	Dept.	Photographer	Number
1-15	Graph	Schwarz Chemistry	Lasky	1-115-2 thru 1-118-2
1-15	Quinine-Hydroquinine Exchange Reactions I	Anderson Chemistry	Lasky	1-119-2
1-15	Balanced Ionization Chamber	Bainbridge Physics	Lasky	1-120-2
1-16	Brookhaven Isotopes - Boston (1-125-2 Deleted by J. Garfield)	Burt Reactor	Garfield	1-121-2 thru 1-130-2
1-16	Graph	Alburger Physics	Lasky	1-131-2
1-16	Electron momentum/498 Gaus-CM	Alburger Physics	Lasky	1-132-2
1-16	Graph	Alburger Physics	Lasky	1-133-2
1-14	Carbaloy Piston	Bainbridge Physics	Walton	1-134-2
1-16	Visiting nurse being shown the work- ings of the counting room	Burt Medical	Walton	1-135-2
1-16	Two visiting nurses being shown the workings of the counting room	Burt Medical	Walton	1-136-2
1-14	General view of baby cyclotron	Cottingham Cosmotron	Walton	1-137-2
1-14	Portable power supply-part of baby cyclotron	Cottingham Cosmotron	Walton	1-138-2 & 1-139-2
1-14	Rear Section of control panel for baby cyclotron	Cottingham Cosmotron	Walton	1-140-2 thru 1-143-2
1-14	Rear view of control panel for baby cyclotron	Cottingham Cosmotron	Walton	1-144-2
1-14	General view of baby cyclotron and control section	Cottingham Cosmotron	Walton	1-145-2
1-14	Setting coil windings in place on core - this is coil for baby cyclotron	Lasky Cosmotron	Walton	1-146-2
1-17	A.E.C. Cobalt source-135 Curie - End View	Strickland Hot Lab	Smith	1-147-2

Date	Caption	Dept.	Photographer	Number
1-17	A.E.C. Cobalt source-135 Curie $3/4$ back view	Strickland Hot Lab	Smith	1-148-2
1-17	A.E.C. Cobalt source-135 Curie Front view	Strickland Hot Lab	Smith	1-149-2
1-17	Graphs	Shutt Physics	Bull	1-150-2 thru 1-154-2
1-18	Dr. Goudsmit, portraits	Goudsmit Physics	Garfield & Christoffersen	1-155-2 thru 1-161-2
1-18	Copy of print	Wolf Chemistry	Bull	1-162-2
1-18	Graph	Glasoe Chemistry	Bull	1-163-2
1-18	Paraffin disc holder	Oleson H.Phys.	Walton	1-164-2
1-18	Background as a function of Deuteron Current	Falk Physics	Bull	1-165-2
1-18	Background <i>B</i>	Falk Physics	Bull	1-166-2
1-18	Bias Curves of Background and primary neutron flux	Falk Physics	Bull	1-167-2
1-18	Target Thickness Calibration	Falk Physics	Bull	1-168-2
1-18	Graph	Falk Physics	Bull	1-169-2
1-18	Neutron Detector Counting Rate	Falk Physics	Bull	1-170-2
1-19	Graph	Falk Physics	Bull	1-171-2
1-19	Total Neutron Scattering Cross Section of Carbon	Falk Physics	Bull	1-172-2
1-19	Foil Thickness Calibration	Falk Physics	Bull	1-173-2
1-19	Machine Calibration	Falk Physics	Bull	1-174-2

Date	Caption	Dept.	Photographer	Number
1-19	Graph	Falk Physics	Bull	1-175-2
1-19	Thin-Walled D-D Target	Falk Physics	Bull	1-176-2
1-19	Target 1 and 2	Falk Physics	Bull	1-177-2
1-19	Deuteron Energy Loss and Spread	Falk Physics	Bull	1-178-2
1-19	(Fraction of Unattenuated Neutron Beam)	Falk Physics	Bull	1-179-2
1-19	Linear Electron Accelerator at Stanford University	Blewett Cosmotron	Simack	1-180-2
1-19	Fig. 2-2 Interior Accelerator Bldg. from NE	Blewett Cosmotron	Simack	1-181-2
1-19	Graph	Shutt Physics	Bull	1-182-2
1-19	Chemical formulae	Koshland Biology	Simack	1-183-2 & 1-184-2
1-19	Catalysis by Pyridine of the Hydrolysis of Acetyl Phosphate	Koshland Biology	Simack	1-185-2
1-19	Hydrazyl Resonance Pip when Rotated by 30° Intervals about A Axis	Kikuchi Physics	Simack	1-186-2
1-19	Hydrazyl Resonance Pip when Rotated by 30° Intervals about C Axis	Kikuchi Physics	Simack	1-187-2
1-19	Carbazyl Resonance Pip when Rotated by 30° Intervals about B Axis	Kikuchi Physics	Simack	1-188-2
1-19	Carbazyl Resonance Pip when Rotated by 30° Intervals about A Axis	Kikuchi Physics	Simack	1-189-2
1-19	Carbazyl Resonance Pip when Rotated by 30° Intervals about C Axis	Kikuchi Physics	Simack	1-190-2
1-19	Hydrazyl Resonance Pip when Rotated by 30° Intervals about B Axis	Kikuchi Physics	Simack	1-191-2
1-19	Resonance Pips of Single Hydrazyl Crystal. Parallel and Perpendicular to Magnetic Field	Kikuchi Physics	Simack	1-192-2

Date	Caption	Dept.	Photographer	Number
1-19	A.B.C. Single Crystal of Carbazyl	Kikuchi Physics	Simack	1-193-2
1-19	Angular Dependence of Hydrazyl Resonance for Rotations about A-Axis	Kikuchi Physics	Simack	1-194-2
1-19	Molecular Structure of Two Free Radicals	Kikuchi Physics	Simack	1-195-2
1-19	Angular Dependence of Carbazyl Resonance for Rotations about A-Axis	Kikuchi Physics	Simack	1-196-2
1-19	Cavity Cross-Section and Quartz Rod	Kikuchi Physics	Simack	1-197-2
1-8	Head shots of cancer patient after radiation	Farr Medical	Smith & Walton	1-198-2 thru 1-200-2
1-16	Vacuum chamber	Polk Cosmotron	Walton	1-201-2 thru 1-203-2
1-21	Carbaloy Piston	Bainbridge Physics	Bull	1-204-2
1-21	Difference in Intensity of Sources 1 and 2	Bainbridge Physics	Bull	1-205-2
1-21	Graph	Brinbridge Physics	Bull	1-206-2
1-21	Difference in Chamber Sensitivities	Bainbridge Physics	Bull	1-207-2
1-21	Graph	Hughes Physics	Bull	1-208-2
1-21	Hydralyzing Bomb	Page Reactor	Bull	1-209-2
1-11	P.M.-Section of plant tumor	Piezuer Biology	Smith	1-210-2 thru 1-212-2
1-11	Corn ends sperm	Piezuer Biology	Smith	1-213-2
1-16	P.M. of Compressed Metal Samples	Bainbridge Physics	Smith	1-214-2
1-22	Still Pot Design for Continuous Process Light Ends Separation Unit	Page Reactor	Bull	1-215-2

Date	Caption	Dept.	Photographer	Number
1-22	Pump System for Continuous Process Light Ends Separation Unit	Page Reactor	Bull	1-216-2
1-22	Graphs	Hafner Physics	Lasky	1-217-2 thru 1-219-2
1-22	Liquid Distributor Head	Page Reactor	Lasky	1-220-2
1-8	P.M. of Cancer Cells #1A	Godwin Pathology	Smith	1-221-2
1-8	P.M. of Cancer Cells #1B	Godwin Pathology	Smith	1-222-2
1-8	P.M. of Cancer Cells #2	Godwin Pathology	Smith	1-223-2
1-8	P.M.s of Cancer Cells	Godwin Pathology	Smith	1-224-2 & 1-225-2
1-8	P.M. of Kidney	Godwin Pathology	Smith	1-226-2
1-8	P.M. of Cancer Cells	Godwin Pathology	Smith	1-227-2
1-8	P.M. of Kidney	Godwin Pathology	Smith	1-228-2 & 1-229-2
1-8	P.M. of Cancer Cells	Godwin Pathology	Smith	1-230-2 & 1-231-2
1-8	P.M. of Cancer Cells tissue after Boron experiment	Godwin Pathology	Smith	1-232-2
1-8	P.M. of Cancer Cells	Godwin Pathology	Smith	1-233-2 thru 1-238-2
1-23	Graphs	Hughes Physics	Lasky	1-239-2 thru 1-243-2
1-23	Graphs	Bainbridge Physics	Bennett	1-244-2 thru 1-248-2

Date	Caption	Dept.	Photographer	Number
1-17	Camera set-up in monitoring shack	Weiss H.Phys.	Walton	1-249-2
1-17	Roof of detection station E-2	Weiss H.Phys.	Walton	1-250-2
1-17	Ratemeter battery charger	Weiss H.Phys.	Walton	1-251-2
1-17	Air monitoring equipment	Weiss H.Phys.	Walton	1-252-2
1-17	Dynamic condenser Electrometer	Weiss H.Phys.	Walton	1-253-2
1-17	Interior of Monitoring Shack	Weiss H.Phys.	Walton	1-254-2
1-17	Chassis # 318	Weiss H.Phys.	Walton	1-255-2 thru- 1-257-2
1-17	Roof of detection station E-2	Weiss H.Phys.	Walton	1-258-2
1-21	Radiological Monitoring Truck - counting equipment	Foster Electronics	Walton	1-259-2
1-21	Radiological Monitoring Truck lead pig used for counting samples	Foster Elect.	Walton	1-260-2
1-21	Radiological monitoring truck - front panel of short-wave radio transmitter	Foster Elect.	Walton	1-261-2
1-21	Radiological monitoring truck - Counting equipment	Foster Elect.	Walton	1-262-2
1-21	Radiological monitoring truck - Radio-telephone set-up	Foster Elect.	Walton	1-263-2
1-21	Radiological monitoring jeep	Foster Elect.	Walton	1-264-2
1-21	Radiological monitoring truck - side view	Foster Elect.	Walton	1-265-2 & 1-266-2
1-21	Radiological monitoring truck - Look- ing into working compartment - Lee Gemmel boiling down samples	Foster Elect.	Walton	1-267-2

Date	Caption	Dept.	Photographer	Number
1-18	Rear view of console for the 18 inch cyclotron	Cottingham Cosmotron	Walton	1-268-2
1-18	Console for the 18 inch cyclotron	Cottingham Cosmotron	Walton	1-269-2
1-17	Setting coil on core for the 18 inch cyclotron	Lasky Cosmotron	Walton	1-270-2
1-17	Coil for 18 inch cyclotron	Lasky Cosmotron	Walton	1-271-2
1-24	Graph	Bainbridge Physics	Simack	1-272-2
1-24	Exposures Incident to some Common Diagnostic Procedures	Love Medical	Simack	1-273-2
1-24	X-ray Exposure Spin Dose $\frac{1}{2}$ mm Al filter	Love Medical	Simack	1-274-2
1-24	X-ray Exposure Spin Dose Chest Plates (14" x 17")	Love Medical	Simack	1-275-2
1-24	Variation of thermal counting rate	Oleson H.Phys.	Lasky	1-276-2
1-24	Total neutron cross sections of Cd and In as functions of neutron energy.	Oleson H.Phys.	Lasky	1-277-2
1-24	Graphs	Bernstein Electronics	Lasky	1-278-2 thru 1-281-2
1-24	Graphs	Motz Physics	Bull & Fuka	1-282-2 thru 1-285-2
1-18	Tobacco Plant	Christensen Biology	Smith	1-286-2
1-18	Tobacco Plant close-up showing mutation due to radiation	Chris Biology	Smith	1-287-2
1-18	Tradiscantia plant	Chris Biology	Smith	1-288-2
1-18	Tradiscantia plant in greenhouse	Chris Biology	Smith	1-289-2
1-18	Trad. plant	Chris Biology	Smith	1-290-2 thru 1-299-2

Date	Caption	Dept.	Photographer	Number
1-15	Biology building progress	Lancaster Biology	Walton	1-300-2 thru 1-305-2
1-24	Dr. Sparrow arranging potatoes for radiation experiment	Burt PRO	Walton	1-306-2
1-24	Alan Thorndyke and visitor	Burt PRO	Walton	1-307-2 & 1-308-2
1-25	Resonance Pips of Single Crystal of Carbazyl and a Polycrystalline Hy- drazyl Specimen	Kikuchi Physics	Bull	1-309-2
1-25	Apparatus for Extraction of Hydrogen from Compounds	Biegelson Chemistry	Bennett	1-310-2
1-25	Graphs	King Biology	Simack	1-311-2 & 1-312-2
1-26	Mirror Experiment Schematic Graphs	Goldberg Medical	Simack	1-313-2 thru 1-317-2
1-26	Table Copy for Slide	Schardt Elect.	Simack	1-318-2
1-26	Drawings for slides	Hughes Physics	Simack	1-319-2 & 1-320-2
1-26	Graphs	Bernstein Elect	Simack	1-321-2 & 1-322-2
1-26	Inelastic Scattering Cross-Section of Beryllium	Palevsky Physics	Simack	1-323-2
1-26	Total Cross Section of Be	Palevsky Physics	Simack	1-324-2
1-26	Inelastic Scattering Cross Section of Be	Palevsky Physics	Simack	1-325-2
1-26	Graphs	Kleinman Physics	Simack	1-326-2 & 1-327-2
1-26	Differential Cross Section for X-rays and Neutrons	Kleinman Physics	Simack	1-328-2
1-26	Graphs	Falk Physics	Bull	1-329-2 & 1-330-2
1-26	Linkage Map of Maize	Singleton Biology	Simack	1-331-2

Date	Caption	Dept.	Photographer	Number
1-26	Gamma-Gamma Angular Correlation. 12 Sec. Resolving Time 12° Angular Resolution	Alburger Physics	Simack	1-332-2
1-26	Graph	Sailor Reactor	Simack	1-333-2
1-26	Transmission of Cesium Samples of Various Thickness	Sailor Reactor	Simack	1-334-2
1-26	Table I	Oleson H.Phys.	Simack	1-335-2
1-26	Table II	Oleson H.Phys.	Simack	1-336-2
1-26	Inelastic Scattering of Neutron in Lead	McReynolds Physics	Simack	1-337-2
1-26	Graph	McReynolds Physics	Simack	1-338-2
1-26	Neutron Transmission thru 9.35 cm. Pb crystal	McReynolds Physics	Simack	1-339-2
1-26	Neutron Scatterings in Crystals	McReynolds Physics	Simack	1-340-2
1-26	Neutron Transmission thru 9.15 cm Pb. crystal	McReynolds Physics	Simack	1-341-2
1-26	Neutron Transmission thru 5.08 cm. Pb. crystal	McReynolds Physics	Simack	1-342-2
1-26	Aerovane	Mazzarella Meteor.	Bull & Simack	1-343-2
1-26	Propellor Recovery Curves for Aerovane	Mazzarella Meteor.	Bull & Simack	1-344-2
1-26	Response Curve for Aerovane	Mazzarella Meteor.	Bull & Simack	1-345-2
1-26	Aerovane Propellor Response Curve	Mazzarella Meteor.	Bull & Simack	1-346-2
1-26	The Effect of ^{Yaw} Yaw on the Aerovane	Mazzarella Meteor.	Bull & Simack	1-347-2
1-26	Period of Aerovane # 1	Mazzarella Meteor.	Bull & Simack	1-348-2 <i>AB</i>
1-28	Scintillation Spectrometer Arrangement for Use at the Pile	derMatensian Physics	Simack	1-349-2

Date	Caption	Dept.	Photographer	Number
1-28	Graph	derMateo. Physics	Simack	1-350-2
1-28	Capture Gamma Rays of Cd	der Mateo. Physics	Simack	1-351-2
1-28	Pulse Height Distribution due to the Reaction $B^{10}(n,\alpha)Li$ etc.	der Mateo. Physics	Simack	1-352-2
1-28	Graph	Motz Physics	Bennett	1-353-2
1-28	Articles and Letters published in the Phys.Rev. from 1946-51	Goudsmit Physics	Bull	1-354-2
1-28	Dr. Singleton sorting out mutations from a radiated group	Burt Biology	Walton	1-355-2
<i>File Changing face</i> Declassified Negative Formerly BNL LOG NO. P-1060 <i>See 1 for p. 5</i>				1-356-2
1-29	Graphs for slides	Bainbridge Physics	Lasky	1-357-2 & 1-358-2
1-29	Graphs	Johnson Chemistry	Bull	1-359-2 thru 1-365-2
1-22	Setting vacuum chamber in place	Polk Cosmotron	Walton	1-366-2 thru 1-369-2
1-23	Setting top section on the 18" cyclotron	Cottingham Cosmotron	Walton	1-370-2 & 1-371-2
1-24	Source pipe and shielding for green-	Sparrow Biology	Walton	1-372-2
1-23	Head shots of cancer patient	Farr Medical	Walton & Smith	1-373-2 thru 1-375-2
1-24	P.M. of the intestinal tract of drosophila 1000X	King Biology	Smith	1-376-2 & 1-377-2
1-24	P.M. of the intestinal tract of drosophila 1000X (Ciliated Cells)	King Biology	Smith	1-378-2 & 1-379-2
1-24	P.M. of budding cell in drosophila	King Biology	Smith	1-380-2
1-24	P.M. of Drosophila mouth parts	King Biology	Smith	1-381-2

Date	Caption	Dept.	Photographer	Number
1-24	P.M. of Drosophila anus	King Biology	Smith	1-382-2
1-24	P.M. of cross section of Drosophila	King Biology	Smith	1-383-2 thru 1-385-2
1-24	P.M. of Drosophila	King Biology	Smith	1-386-2
1-24	P.M. of drosophila (cross sect.)	King Biology	Smith	1-387-2
1-24	P.M. of drosophila head parts	King Biology	Smith	1-388-2
1-28	"Birth Control" corn - Unfertilized ear bottle containing pollen and a normal ear of corn	Burt Biology	Walton	1-389-2
1-28	Dr. Singleton showing size diffusion in ears of corn, due to radiation	Burt Biology	Walton	1-390-2
1-28	Barley - radiated	Konzak Biology	Walton	1-391-2 & 1-392-2
1-28	Barley tops - radiated	Konzak Biology	Walton	1-393-2
1-28	Barley - radiated	Konzak Biology	Walton	1-394-2
1-28	Comparison of irradiated ears of corn	Singleton Biology	Walton	1-395-2
1-28	Irradiation of corn showing proportion of mutation	Singleton Biology	Walton	1-396-2
1-30	Visiting fireman being shown around the machine shop	Burt PRO	Walton	1-397-2
1-24	Biology Construction - Pipe layout	Lancaster AEC	Walton	1-398-2 thru 1-402-2
1-30	Exterior of on-site monitoring shack	Weiss H. Phys.	Walton	1-403-2
1-15	Recording panel for the "Pill Pusher"	Miles Reactor	Walton	1-404-2

Date	Caption	Dept.	Photographer	Number
1-14	Slide No. A-4322-A (B) 375	Biology Sparrow	R.F. Smith	1-405-2
1-14	Slide No. A-4322-A (B) 377	Sparrow	R.F. Smith	1-406-2
1-14	Slide No. A-4322-A (A) 374	Sparrow	R.F. Smith	1-407-2
1-14	Slide No. A-4322-A (1) 373	Sparrow	R.F. Smith	1-408-2
1-14	Slide No. A-4364-A (4) 383	Sparrow	R.F. Smith	1-409-2
1-14	Slide No. A-4364-A 4A 384	Sparrow	R.F. Smith	1-410-2
1-14	Slide No. A-4322-A (B) 381	Sparrow	R.F. Smith	1-411-2
1-14	Slide No. A-4322-A (A) 376	Sparrow	R.F. Smith	1-412-2
1-14	Slide No. A-4322-A (A) 378	Sparrow	R.F. Smith	1-413-2
1-14	Slide No. A-4322-A (B) 379	Sparrow	R.F. Smith	1-414-2
1-14	Slide No. A-4322-A (A) 380	Sparrow	R.F. Smith	1-415-2
1-14	Slide No. A-4364-A (6) 390	Sparrow	R.F. Smith	1-416-2
1-14	Slide No. A-4364-A (2) 389	Sparrow	R.F. Smith	1-417-2
1-14	Slide No. A-4364-A (4B) 385	Sparrow	R.F. Smith	1-418-2
1-14	Slide No. A-4364-A (5) 387	Sparrow	R.F. Smith	1-419-2
1-14	Slide No. A-4364-A (4C) 386	Sparrow	R.F. Smith	1-420-2
1-14	Slide No. A-4322-A 382	Sparrow	R.F. Smith	1-421-2
1-20	Slide No. A-4380 C (B) 392	Sparrow	R.F. Smith	1-422-2
1-20	Slide No. A-4380 C (D) 394	Sparrow	R.F. Smith	1-423-2
1-20	Slide No. A-4380 C (C) 393	Sparrow	R.F. Smith	1-424-2
1-20	Slide No. A-4380 C (A) 391	Sparrow	R.F. Smith	1-425-2

February

Date	Caption	Dept.	Photographer	Number
2-1	Graph	Sancier Chemistry	Bennett	2-1-2
2-1	Types of Perturbed OH Bonds in Alcohol	Sancier Chemistry	Bennett	2-2-2
2-1	Graph	Sancier Chemistry	Bennett	2-3-2
2-4	P.M.s of Foraminiferer	Perlmutter		2-4-2 thru 2-48-2
	[REDACTED] Negs 2-4-2 thru 2-48-2 were sent to Perlmutter 6/9/52 [REDACTED]			
2-3	Gross specimun photo of kidney	Godwin Pathology	Smith	2-49-2
2-3	P.M. of kidney	Godwin Pathology	Smith	2-50-2
2-3	P.M. of Cancer Cells	Godwin Pathology	Smith	2-51-2 & 2-52-2
2-3	P.M. of Cancer Cells in Polarized Light	Godwin Pathology	Smith	2-53-2 thru 2-56-2
2-3	P.M. of Nephrotic kidney (Billy Steinman)	Godwin Pathology	Smith	2-57-2
2-3	Cobalt source in hot lab cave	Selvin Hot Lab	Smith	2-58-2 & 2-59-2
2-3	Iodine rack	Selvin Hot Lab	Smith	2-60-2 thru 2-62-2
2-3	Close up of a section of Iodine rack	Selvin Hot Lab	Smith	2-63-2
2-3	Iodine rack in hot lab	Selvin Hot Lab	Smith	2-64-2
2-6	Phenyl Phosphate 0.22 M	Lutwak Medical	Lasky	2-65-2
2-6	Glucose-6-Phosphate 188 Min.	Lutwak Medical	Lasky	2-66-2
2-6	Glucose-6-Phosphate 0.89 M. 180 Min.	Lutwak Medical	Lasky	2-67-2
2-6	Glucose-6-Phosphate 0.28 M	Lutwak Medical	Lasky	2-68-2

Date	Caption	Dept.	Photographer	Number
2-6	Graph	Steele Biology	Lasky	2-69-2
2-6	Per Cent of Dose Excreted per Day Average for the Period	Steele Biology	Lasky	2-70-2
2-6	Effect of 2.4 Dinitrophenol on Oxygen Uptake of Diaphragm as Percent Change from Control	Orlowski Tech Info	Lasky	2-71-2
2-4	Chemistry Counting Room	Ruddy Chemistry	Garfield	2-72-2
2-6	Chart	Lutwak Medical	Maile	2-73-2
2-7	Indium foil activation x R^2 x Thickness of Paraffin	Oleson H.Phys.	Lasky	2-74-2
2-7	Graphs	Oleson H.Phys.	Lasky	2-75-2 & 2-76-2
2-7	BNL Industrial Gamma Irradiation Service	Manowitz Reactor	Lasky	2-77-2
2-7	Vacuum chamber model of Cosmotron	Burt PRO	Smith	2-78-2
2-7	Pile complex - model	Burt Reactor	Smith & Walton	2-79-2
2-5	Electron beam and target set-up of the Van de Graff generator	Hafner Physics	Walton	2-80-2
2-6	Ears of corn-showing mutations	Dollinger Biology	Walton	2-81-2 & 2-82-2
2-5	Coil wound on drum	Mede Cosmotron	Walton	2-83-2
2-4	Brazing copper coil for cyclotron	Mede Cosmotron	Walton	2-84-2
2-4	Assembly line for winding coil for the 18 inch cyclotron	Mede Cosmotron	Walton	2-85-2
2-4	Coil for the 18" cyclotron	Mede Cosmotron	Walton	2-86-2
2-5	Set up used in testing the conduc- tivity of a glass wafer	Mede Cosmotron	Walton	2-87-2
2-5	Testing the conductivity of a glass wafer	Mede Cosmotron	Walton	2-88-2

Date	Caption	Dept.	Photographer	Number
2-4	End view of coil winding	Mede Cosmotron	Walton	2-89-2
2-5	Inside of coil for Baby cyclotron	Mede Cosmotron	Walton	2-90-2
2-5	Testing conductivity of glass wafer	Mede Cosmotron	Walton	2-91-2
2-4	Lining up copper in jig for brazing	Mede Cosmotron	Walton	2-92-2
2-4	Applying flux to copper before brazing	Mede Cosmotron	Walton	2-93-2
2-11	Fig. 2 Illustration of the method for constructing distance - draw down curves	Warren Geology	Fuka	2-94-2
2-11	Fig. 1	Warren Geology	Fuka	2-95-2
2-11	Fig. 3	Warren Geology	Fuka	2-96-2
2-11	Time required to Recover the Ability to Produce Antibody Following Radiation	Hale f Medical	Bull	2-97-2
2-11	Charts and Graphs	Hale f Medical	Bull	2-98-2 thru 2-108-2
2-11	Charts	Weiss H.Phys.	Maile	2-109-2 thru 2-111-2
2-11	Graphs	Smith Meteor.	Maile	2-112-2 thru 2-114-2
2-11	Graph (Weekly Dose-Rates)	Smith Meteor.	Maile	2-115-2
2-11	Electron Momentum/959	Alburger Physics	Simack	2-116-2
2-5	Mass Spectrometer with Van de Graff generator in background	Alburger Physics	Walton	2-117-2
2-7	Macrophoto of chain and millet used in experiment	Medalia Chemistry	Walton	2-118-2

Date	Caption	Dept.	Photographer	Number
2-7	Looking into box, at millet and chain	Medalia Chemistry	Walton	2-119-2
2-7	Tumbling box for millet	Medalia Chemistry	Walton	2-120-2
2-6	Cancer patient - throat	Meyers Medical	Walton	2-121-2 thru 2-123-2
2-6	Cancer patient - head	Meyers Medical	Walton	2-124-2
2-12	Graphs	Dodson Chemistry	Maile	2-125-2 thru 2-128-2
2-12	Pulse Height in Volts	Sunyar Physics	Simack	2-129-2 thru 2-133-2
2-11	Adsorption Plotting Paper	Miles Reactor	Bull	2-134-2
2-12	Area (Molar Extinction x Angstroms)	Sancier Chemistry	Maile	2-135-2
2-12	Graphs	Davis Chemistry	Simack	2-136-2 thru 2-143-2
2-7	P.M. of living nerve tissue from chick embryo culture # 5	Goldring Biology	Smith	2-144-2
2-7	P.M. of living chick embryo nerve tissue culture # 4	Goldring Biology	Smith	2-145-2
2-7	P.M. of living chick embryo nerve tissue culture # 3	Goldring Biology	Smith	2-146-2
2-7	P.M. of living chick embryo nerve tissue culture # 2	Goldring Biology	Smith	2-147-2
2-7	P.M. of living chick embryo nerve tissue culture # 1	Goldring Biology	Smith	2-148-2
	DECLASSIFIED NEGATIVES	BNL NO.		
9-13-48	File Progress-General view of File building showing construction of the exit air ducts - facing north	F-374	Walton	2-149-2
9-28-48	File Progress-Rear of File building showing ducts	P-372	Walton	2-150-2

Date	Caption	Dept.	Photographer	Number
9-28-48	File Progress-Rear of File building showing ducts	P-373	Walton	2-151-2
9-20-48	Aerial Photo of File	P-367	Walton	2-152-2
9-28-48	Aerial Photo of File	P-368	Walton	2-153-2
9-28-48	Aerial Photo of File	P-370	Walton	2-154-2
9-28-48	Aerial Photo of File	P-371	Walton	2-155-2
9-20-48	File Progress-Insert for testing hobs in side of shield	P-359	Walton	2-156-2
9-20-48	File Progress-Insert for testing chambers on the face of File	P-338	Walton	2-157-2
9-20-48	File Progress-Insert for testing chambers in side of File shield.	P-351	Walton	2-158-2
9-20-48	File Progress-Exit air ducts on south side of File building	P-353	Walton	2-159-2
9-20-48	File Progress-Looking down along path that exit air ducts will travel - from top of fan house towards pile building	P-343	Walton	2-160-2
9-30-48	File Progress-Exterior of the north face of the shield	P-363	Walton	2-161-2
9-20-48	File Progress-South-west corner of File shield-showing air ducts & shielding concrete	P-356	Walton	2-162-2
9-30-48	File Progress-Exterior of shield on the north side	P-361	Walton	2-163-2
9-20-48	File Progress-Inside south-east corner of File Proper	P-342	Walton	2-164-2
9-20-48	File Progress-Interior east face of File shield-note testing chambers	P-344	Walton	2-165-2
9-20-48	File Progress-Access door in grid on south side of pile proper.	P-339	Walton	2-166-2
9-20-48	File Progress-Hole for control rod south-west corner	P-360	Walton	2-167-2
9-20-48	File Progress-Hole in grid for control rod	P-345	Walton	2-168-2

Date	Caption	Dept.	Photographer	Number
9-20-48	Pile Progress-Hole for control rod-casing thru pile shield	P-337	Walton	2-169-2
9-20-48	Pile Progress-Cut out holes on grid - for charging tubes	P-341	Walton	2-170-2
9-20-48	Pile Progress-North face of Grid for charging tubes south side of the Pile Proper	P-348	Walton	2-171-2
9-20-48	Pile Progress-Access door on Grid inside pile proper-holes are for charging tubes	P-350	Walton-	2-172-2
9-20-48	Pile Progress-Inside south west corner of the Pile proper-showing relation of control rods and testing chambers	P-336	Walton	2-173-2
9-20-48	Pile Progress-Section of interior east side of Pile-section between south face and south grid	P-340	Walton-	2-174-2
9-20-48	Pile Progress-Overall shot of shield proper-facing north-Note charging tubes	P-346	Walton	2-175-2
9-20-48	Pile Progress-No description	P-352	Walton	2-176-2
9-20-48	Top plate of charging tube grid. Note small plates with small holes for helium tubes	P-358	Walton	2-177-2
9-30-48	Buffer Plate in place around charging tubes on north face of pile	P-364	Walton	2-178-2
9-20-48	Pile Progress-Top plate on north grid inside Pile shield	P-354	Walton	2-179-2
9-20-48	Pile Progress-Inside east wall of shield	P-357	Walton	2-180-2
10-18-48	Pile Progress-Rear view of Pile bldg, showing exit air ducts and pads	P-417	Walton	2-181-2
10-18-48	Pile Progress-Ducts leading into fan-house facing northeast.	P-415	Walton	2-182-2
10-22-48	Pile Progress-Taken from the rear of Pile building, showing path of ducts up to the fanhouse	P-412	Walton	2-183-2
10-22-48	Pile Progress-Looking down on path of Ducts from top of fanhouse	P-413	Walton	2-184-2

Date	Caption	Dept.	Photographer	Number
1-5-49	Experimental Hole Layer #61	P-481	Walton	2-185-2
11-7-48	File Progress-Interior south-west corner of pile shield-showing control rod holes	P-4114	Walton	2-186-2
11-7-48	File Progress-Interior south-east corner of Pile shield-showing control rod holes	P-411	Walton	2-187-2
11-5-49	File Progress-Experimental Hole Layer #61	P-482	Walton	2-188-2
11-2-48	File Progress-Inside Pile Proper	P-404	Garfield	2-189-2
11-2-48	File Progress-Shows duct work going up to fanhouse, with stack in back-ground	P-416	Walton	2-190-2
11-7-48	Pile Progress-Interior of pile, looking up through access entrance to pile proper	P-410	Walton	2-191-2
11-15-48	Pile Progress-Exit air ducts-looking up hill to fanhouse & smoke stack - facing east	P-418	Walton	2-192-2
11-17-48	Pile Progress	P-425	Walton	2-193-2
1-5-49	Pile Progress-Experimental Hole - Layer #61	P-483	Walton	2-194-2
11-17-48	Pile Progress	P-419	Walton	2-195-2
11-17-48	Pile Progress	P-422	Walton	2-196-2
11-17-48	Pile Progress	P-421	Walton	2-197-2
11-17-48	Pile Progress	P-420	Walton	2-198-2
11-22-48	Pile Progress-Start of Gap in Graphite West Side	P-437	Walton	2-199-2
11-22-48	Pile Progress-Gap in Graphite--Top of 5th layer	P-438	Walton	2-200-2
11-22-48	Pile Progress-Gap in Graphite	P-439	Walton	2-201-2
11-22-48	Pile Progress-Gap in Graphite	P-440	Walton	2-202-2
12-22-48	Pile Progress-Experimental Hole as labeled	P-453	Walton	2-203-2
12-22-48	Pile Progress-Reworked Gap for Newson Holes in Layer 39	P-448	Walton	2-204-2

Date	Caption	Dept.	Photographer	Number
12-22-48	File Progress-Reworked Gap for Newson Holes in Layer 39	P-450	Walton	2-205-2
12-22-48	File Progress-Reworked Gap for Newson Holes in Layer 39 at West End	P-452	Walton	2-206-2
12-22-48	File Progress-Reworked Gap for Newson Holes in Layer 39	P-456	Walton	2-207-2
12-22-48	File Progress-Reworked Gap for Newson Holes in Layer 39	P-447	Walton	2-208-2
12-22-48	File Progress-Cave Hole at Gap looking West	P-451	Walton	2-209-2
12-22-48	File Progress-Cave Hole at Gap	P-454	Walton	2-210-2
12-22-48	File Progress-Cave hole at the Gap looking East	P-455	Walton	2-211-2
12-22-48	File Progress-Cave hole with temporary spaces in place. North to south	P-449	Walton	2-212-2
12-28-48	File Progress-Experimental Holes at Layer 49	P-468	Walton	2-213-2
12-28-48	File Progress-Experimental Holes at Layer 49	P-466	Walton	2-214-2
12-28-48	File Progress-Experimental Holes at Layer 49	P-467	Walton	2-215-2
12-28-48	File Progress-Experimental Holes at Layer 49	P-460	Walton	2-216-2
12-28-48	File Progress-Experimental Holes at Layer 49	P-459	Walton	2-217-2
12-28-48	File Progress-Experimental Holes at Layer 49	P-461	Walton	2-218-2
12-28-48	File Progress-Experimental Holes at Layer 49	P-462	Walton	2-219-2
12-28-48	File Progress-Experimental Holes at Layer 49	P-463	Walton	2-220-2
12-28-48	File Progress-Experimental Holes at Layer 49	P-464	Walton	2-221-2
12-28-48	File Progress-Experimental Holes at Layer 49	P-465	Walton	2-222-2
12-28-48	File Progress-Bottling machine channels East side	P-458	Walton	2-223-2

Date	Caption	Dept.	Photographer	Number
12-28-48	File Progress-Bottling machine channels West side	P-457	Walton	2-224-2
1-5-49	File Progress-Experimental Hole #61	P-469	Walton	2-225-2
1-5-49	File Progress-Experimental Hole Layer # 61	P-470	Walton	2-226-2
1-5-49	File Progress-Experimental Hole Layer # 61	P-471	Walton	2-227-2
1-5-49	File Progress-Experimental Hole Layer # 61	P-472	Walton	2-228-2
1-5-49	File Progress-Experimental Hole Layer # 61	P-477	Walton	2-229-2
1-5-49	File Progress-Experimental Hole Layer # 61	P-478	Walton	2-230-2
1-5-49	File Progress-Experimental Hole Layer # 61	P-479	Walton	2-231-2
1-5-49	File Progress-Experimental Hole Layer # 61	P-480	Walton	2-232-2
2-13	Distribution of a Tracer Dose of DL- Alamine-1-C ¹⁴ in a Rat	Sinex Medical	Maile	2-233-2
2-13	The Distribution of Carbon-14 between the Carboxyl Groups of Amino Acids and other Carbon Atoms one hour after injection DL-Alamine	Sinex Medical	Maile	2-234-2
2-13	The Amino Acids of a Rat	Sinex Medical	Maile	2-235-2
2-13	Graphs	Sinex Medical	Maile	2-236-2 & 2-237-2
1-25	Pill Puller	Miles Reactor	Walton	2-238-2 thru 2-248-2
2-14	Graph	Sinex Medical	Simack	2-249-2 & 2-250-2
2-14	Graph	Steele Biology	Simack	2-251-2
2-14	Chart	Steele Biology	Simack	2-252-2
2-14	X-rays for slides	Foster Medical	Simack	2-253-2 thru 2-256-2

Date	Caption	Dept.	Photographer	Number
	DECLASSIFIED NEGATIVES	BNL NO.		
1-5-49	Pile Progress-Experimental Hole - Layer # 61	P-484	Walton	2-257-2
12-30-48	Pile Progress (Control Rod # 3) Layer # 53	P-473	Walton	2-258-2
12-30-48	Pile Progress Control Rod #3 Layer #53	P-474	Walton	2-259-2
12-30-48	Pile Progress Control Rod #9 Layer #55	P-476	Walton	2-260-2
12-30-48	Pile Progress Control Rod #4 Layer #53	P-475	Walton	2-261-2
12-30-48	Pile Progress-Control Rod #10 Layer#55	P-485	Walton	2-262-2
1-6-49	Pile Progress-Picture of anchor slot on Layer #66	P-488	Walton	2-263-2
1-6-49	Pile Progress-View of channel in Graphite showing anchor slot. Taken from gap into south half of Graphite	P-490	Walton	2-264-2
1-6-49	Pile Progress-Space between north W P plates and graphite at north edge of graphite. Layer #63	P-489	Walton	2-265-2
1-17-49	Pile Progress-Top of Gap - West side	P-496	Walton	2-266-2
1-17-49	Pile Progress-Top of Gap - East side	P-494	Walton-	2-267-2
1-17-49	Pile Progress-Gap at center - top of graphite	P-497	Walton	2-268-2
1-17-49	Pile Progress-Gap at center - top of graphite	P-498	Walton	2-269-2
1-17-49	Pile Progress-Gap at center - top of graphite	P-493	Walton	2-270-2
1-17-49	Pile Progress- View into gap	P-495	Walton	2-271-2
7-1-49	Pile Progress (Bill Scully) Cutting pattern around gun barrels - South P Anum Chamber	P-710	Walton	2-272-2
1-17-49	Pile Progress-End of gap - East side North half	P-492	Walton	2-273-2
1-17-49	Pile Progress-Top of Graphite - SW to NE	P-499	Walton	2-274-2
3-10-49	Pile Progress-Installing pile roof plugs	P-530	Walton	2-275-2

Date	Caption	Dept.	Photographer	Number
3-10-49	Pile Progress-Installing pile roof plugs	P-521	Walton	2-276-2
3-10-49	Pile Progress-Installing pile roof plugs	P-526	Walton	2-277-2
3-10-49	Pile Progress-Installing pile roof plugs	P-529	Walton	2-278-2
3-10-49	Pile Progress-Installing pile roof plugs	P-527	Walton	2-279-2
3-10-49	Pile Progress-Installing pile roof plugs	P-523	Walton	2-280-2
3-10-49	Pile Progress-Installing pile roof plugs	P-524	Walton	2-281-2
3-10-49	Pile Progress-Installing pile roof plugs	P-528	Walton	2-282-2
3-10-49	Pile Progress-Installing pile roof plugs	P-522	Walton	2-283-2
3-22-49	Pile Progress-Installing pile roof plugs	P-533	Walton	2-284-2
4-8-49	Pile Progress-Interior west wall of Pile shield.	P-540	Walton	2-285-2
4-8-49	Pile Progress-Interior east wall of Pile shield.	P-541	Walton	2-286-2
4-8-49	Pile Progress-Roof of Pile shield showing portion of balconies on west wall	P-546	Walton	2-287-2
4-8-49	Pile Progress-Roof of Pile shield facing south	P-543	Walton	2-288-2
4-8-49	Pile Progress-Roof of Pile shield facing north	P-545	Walton	2-289-2
4-8-49	Pile Progress-South face charging holes in Pile shield	P-547	Walton	2-290-2
	No description	P-711	Walton	2-291-2
7-1-49	Pile Progress(Bill Scully) Close up-cutting details around gun barrels South Plenum Chambers	P-709	Walton	2-292-2
2-12	Looking into top of Pile	Burt Reactor	Walton	2-293-2

Date	Caption	Dept.	Photographer	Number
2-12	Dr. Fox with pile model - with control rods	Burt Reactor	Walton	2-294-2
2-12	Pile model-looking down at animal tunnels	Burt Reactor	Walton	2-295-2
2-12	Pile model - SE corner without control rods	Burt Reactor	Walton	2-296-2
2-12	Pile model - SW corner with control rods	Burt Reactor	Walton	2-297-2
2-12	Dr. Fox with pile model without control rods	Burt Reactor	Walton	2-298-2
2-12	Graphs for slides	Alburger Physics	Lasky	2-299-2 thru 2-304-2
2-14	Composite of drawing	Miles Reactor	Bull	2-305-2
	DECLASSIFIED NEGATIVES	BNL NO.		
10-1-49	Overall Set-up Graphite Load Tests	P-810		2-306-2
10-1-49	Moving Mechanism Gap end Graphite Load Tests	P-809		2-307-2
10-1-49	Gauge-Set up Wall Plate and Graphite Load Tests	P-808		2-308-2
10-1-49	Hydraulic Jack Graphite Load Tests	P-807		2-309-2
	Details of Bread Pan Top corner	P-816		2-310-2
	Bread Pan Ass'y Top corner - S Plenum	P-811		2-311-2
	Plenum Chamber view-Thermal shield in Bread Pan Assy	P-815		2-312-2
	Thermo-couple connections Shield wall S. Plenum	P-813		2-313-2
	Thermo-couple connections Shield wall S. Plenum	P-814		2-314-2
	Expansion cuts in floor S. Plenum	P-812		2-315-2
8-5-49	Assembly of Bread Pans S. Plenum Pile Progress (Bill Scully)	P-832	Walton	2-316-2
8-5-49	Holding Tool-Welding of Bread Pans S. Plenum Pile Progress (Bill Scully)	P-840	Walton	2-317-2

Date	Caption	Dept.	Photographer	Number
8-5-49	Pile Progress (Bill Scully) Assembly of Bread Pans S. Plenum	P-836	Walton	2-318-2
8-5-49	Pile Progress (Bill Scully) Cut-out around Pneumatic Tube North Plenum	P-839	Walton	2-319-2
8-5-49	Pile Progress (Bill Scully) Cut-outs around Rifle Barrels N. Plenum	P-838	Walton	2-320-2
	No description	P-869		2-321-2
	No description	P-867		2-322-2
	No description	P-868		2-323-2
10-14-49	South or charging face of Pile	P-818		2-324-2
10-25-49	Pile interiors - recording panel for pile	P-833		2-325-2
	No description	P-1065		2-326-2
	No description	P-1037		2-327-2
	No description	P-1061		2-328-2
2-11	Chromosomes	Sparrow Biology	Maile	2-329-2
	DECLASSIFIED NEGATIVES	BNL NO.		
	No description	P-896		2-330-2
	Heel Blocks and Locking Bolts at Gap	P-992		2-331-2
	Observation Hole in Wall Plate	P-1012		2-332-2
	No description	P-1028		2-333-2
	No description	P-1032		2-334-2
	No description	P-1033		2-335-2
	No description	P-1029		2-336-2
	No description	P-1053		2-337-2
	No description	P-1054		2-338-2
	No description	P-1049		2-339-2
	No description	P-1055		2-340-2

Date	Caption	Dept.	Photographer	Number
	No description	P-1044		2-341-2
	No description	P-1045		2-342-2
	No description	P-1046		2-343-2
	No description	P-1050		2-344-2
	No description	P-1051		2-345-2
	No description	P-1052		2-346-2
	No description	P-1048		2-347-2
	No description	P-1059		2-348-2
	No description	P-1051		2-349-2
	No description	P-1042		2-350-2
	No description	P-1057		2-351-2
2-18	Total Coincidences per 128,000 Monitor Counts - Graph	Alburger Physics	Simack	2-352-2
2-14	Rescue Truck	Schmelz Fire Dept.	Walton	2-353-2 thru 2-358-2
2-11	Biology Building Construction	Lancaster AEC	Walton	2-359-2 thru 2-365-2
2-19	Graphs	Yuan Cosmotron	Lasky	2-366-2 thru 2-368-2
2-18	Fig. 1 - Line Drawing	Friedman Chemistry	Lasky	2-369-2
2-18	Graphs for Slides	Wanta Meteor.	Bull	2-370-2 thru 2-373-2
2-18	Drawings for Slides	Hughes Physics	Maile	2-374-2 thru 2-379-2
2-14	Visitor from Huntington talking to Mrs. Goldhaber	Burt PRO	Walton	2-380-2
2-11	Mrs. Shannon holding roof plugs from pile model	Burt PRO	Walton	2-381-2

Date	Caption	Dept.	Photographer	Number
2-19	Types of Perturbed OH bonds in Alcohols	Sancier Chemistry	Simack	2-382-2
2-19	Drawing	Beth S Reactor	Lasky	2-383-2
2-20	Two scope traces	Yuan Cosmotron	Bull	2-384-2
2-20	Copies of slides	Farr Medical	Maile	2-385-2 thru 2-401-2
2-20	P.M.s of Cancer Cells	Godwin Pathology	Smith	2-402-2 thru 2-434-2
2-19	Model of magnet section	Collins Cosmotron	Walton	2-435-2 thru 2-438-2
2-21	Figs. 4 & 5	Alburger Physics	Lasky	2-439-2
2-21	Graph for Slide	Anderson Chemistry	Lasky	2-440-2
2-21	Drawings	Anderson Chemistry	Lasky	2-441-2 thru 2-446-2
2-25	Drawing	Medalia Chemistry	Simack	2-447-2
2-20	Biology Building Progress	Lancaster AEC	Walton	2-448-2 thru 2-455-2
2-21	Coil Winding for 18" cyclotron	Mede Cosmotron	Walton	2-456-2
2-20	Dr. Curtis and visitors in greenhouse	Burt Biology	Walton	2-457-2
2-20	Corn Seedlings	Caldicott Biology	Smith	2-458-2 & 2-459-2
2-20	Close up of tubing breakdown	Heus Reactor	Smith	2-460-2
2-26	Glass negatives - Figs. 1, 2 & 3	Caldicott Biology	Bull	2-461-2 thru 2-463-2

Date	Caption	Dept.	Photographer	Number
2-27	Graphs for Slides	DeMoss Biology	Lasky	2-464-2 thru 2-466-2
2-27	Drawings for Slides	Hughes Physics	Lasky	2-467-2 thru 2-471-2
2-26	Close-up of bellows after being installed	Burt Cosmotron	Walton	2-472-2
2-26-	Installing bellows in magnet	Burt Cosmotron	Walton	2-473-2
2-26	Bellows for the vacuum section - lab tech. shown putting gasket in place	Burt Cosmotron	Walton	2-474-2
2-28		Baries Reactor	Maile	2-475-2
2-28	Graphs for Slides	DeMoss Biology	Bull	2-476-2 thru 2-483-2
2-28	Drawings	Turkevich Chemistry	Bull	2-484-2 thru 2-486-2
2-29	P.M.s of chick embryo cells	Goldring Biology	Smith	2-487-2 thru 2-493-2
2-29	Geographical Distribution of Brookhaven's Scientific and Scientific Consultant Personnel - Nov. 1947	Cort Director's Office	Bull	2-494-2
2-27	General view of cosmotron vault	Collins Cosmotron	Walton	2-495-2
2-28	Close-up of condensing units for the motor-generator	Burt Cosmotron	Walton	2-496-2
2-28	Inspecting windows in vacuum chamber	Burt Cosmotron	Walton	2-497-2
2-28	Making concrete shielding blocks for Cosmotron	Burt Cosmotron	Walton	2-498-2

March

Date	Caption	Dept.	Photographer	Number
3-3	Graphs	Slavin Chemistry	Simack	3-1-2 thru 3-5-2
"	Ralph Kossner using a meter to Check circuits on the main control panel	Burt Cosmotron	Walton	3-6-2
"	Ralph Kossner shown pointing out conn- ection on the main control panel	"	"	3-7-2
3-4	Dr. Ginell x/ Cosmotron equip. <i>converting</i> Cosmotron equipment <i>exchange app.</i>	<i>REAC.</i> Ginell Cosmotron	Smith	3-8-2 3-9-2
2-26	Bismuth Circulating Loop	Baries Reactor	Walton	3-10-2 thru 3-19-2
3-5		Blewett	Maile	3-20-2
3-5	Competing Reactions of Hydrozyl Radical w/Ferrous Iron and Organic Compounds	Medalia Chemistry	"	3-21-2
3-5	Graphs	Bothner-by Chemistry	"	3-22-2 3-23-2
3-5	PM of fused clay particles, Dark field 639.6 x enlarged 3.7 x print	Ginell Reactor	Smith	3-24-2
3-5	PM of fused clay particles, Bright field oblique relief 730 x enlarged 2 x on print	"	"	3-25-2 3-26-2
3-5	PM of fused clay particles Bright Field 730 x enlarged 2 x on print	"	"	3-27-2
3-4	General view, showing lead counting pig, timer, counter and tank	Weiss H. Physics	Walton	3-28-2
3-4	Lead pig used to hold active samples during the counting cycle	"	"	3-29-2
3-6	Dr. William Ginell at converting app. Converting app. overall view Close-up of converting app.	Ginell Reactor "	Smith " "	3-30-2 3-31-2 3-32-2
3-5	R. Cort and visitor from Huntington explaining the breakdown of depts.	Burt PRC	Walton	3-33-2

Date	Caption	Dept.	Photographer	Number
2-22	Apparatus on Top of Pile	Rand Reactor	Garfield	3-34-2 thru 3-36-2
3-7	Drawing	Steele Biology	Maile	3-37-2
3-7	Graphs and Drawings for slides	Sinek	Maile	3-38-2 thru 3-44-2
3-10	Carbon Disulfide-Sulfide Exchange Tube	Anderson Chemistry	Maile	3-45-2
3-10	Drawings	Wolfgang	Maile	3-46-2 thru 3-50-2
3-11	Dr. Joan Welker of the Chemistry Dept. working on an exchange reaction exper.	Dr. Welker Chem.	Smith	3-51-2 thru 3-54-2
3-12	Cut-away view of monitoring slack	Weiss H. Physics	Maile	3-55-2
3-12	Black and white copies of Koda-chrome transparencies	Godwin Pathology	Bull	3-56-2 3-57-2
3-12	Drawings for slides	Miles Reactor	Maile	3-59-2 thru 3-62-2
3-13	Drawing	Christensen Biology	Bennett	3-58-2
3-12	Drawings	Wolfgang Chemistry	Maile	3-63-2 thru 3-65-2
3-12	Drawings for slides	Dienes Physics	Lasky	3-66-2 thru 3-69-2
3-10	PM of Dog Kidney tissue (red end of spec) #1 thru 7	Moses Biology	Smith	3-70-2 thru 3-76-2
3-10	PM of Dog Kidney tissue (Leitz yellow green) #8 and 9	"	"	3-77-2 3-78-2
3-10	Corn Seedlings	Cauldicott Biology	"	3-79-2 thru 3-83-2
3-11	Broken seedlings	Reichardt Biology	"	3-84-2 thru 3-85-2

Date	Caption	Dept.	Photographer	Number
3-10	Close up of control panel Ralph Kassner of control panel of Cosmotron	Burt Cosmotron	Walton "	3-94-2 3-95-2
3-13	Graphs for slides	Michelson Biology	Maile	3-96-2 thru 3-103-2
3-13	Drawings for Slides	Weiss Physics	Bennett "	3-104-2 3-105-2
3-13	Drawings for Slides	Hughes Physics	Bennett "	3-106-2 3-107-2
3-12	Chinese Hamsters-mother and litter	Yerganian Biology	Walton	3-108-2
3-12	Chinese Hamsters in pen	"	Walton	3-109-2
3-6	Ping-Pong	Vogt BERA	Walton	3-110-2
3-13	Typed charts for Slides and drawings	Weston Chemistry	Bennett	3-111-2 thru 3-121-2
3-13	Drawings for slides	Hughes Physics	Bennett	3-127-2
3-13	Drawing	King Biology		3-124-2 3-125-2
3-11	Meteology instruments	Reactor	Bull	3-126-2
3-8	Neutron beam hole in the north face of the pile	Polevsky Physics	Walton	3-128-2
3-8	Looking into neutron hole, showing blocks of Bismuth	"	Walton	3-129-2
3-8	Part of culmating rection-top	"	Walton	3-130-2
3-8	Part of culmating equipment	"	Walton	3-131-2
3-8	R. Powell and File operator, shown taking graphite out of the neutron hole	"	Walton	3-132-2
3-8	Looking into tub of culmating section	"	Walton	3-133-2
3-17	Graph	Dienes Physics	Bennett	3-134-2
3-9	Corn mutations	Singleton Biology	Smith	3-135-2

Date	Caption	Dept.	Photographer	Number
3-10	Heat exchanger	Horn Reactor	Walton	3-136-2 thru 3-144-2
3-10	Van de Graff generator control chasis	Moore Cosmotron	Walton	3-145-2 thru 3-149-2
3-12	Maynard Smith	Smith Meteor- ology	Smith	3-150-2 and 3-151-2
3-18	Sand filtering device	de Lagma Geology	Walton & Smith	3-152-2
3-18	Three breakers showing effect of dye filtering through sand	"	" "	3-153-2
3-11	Mr. Bickford before 3d radiation (left)	Farr Medical	" "	3-154-2
3-11	Same (Right Profile)	"	" "	3-155-2
3-11	Same (top view)	"	" "	3-156-2
-18	Graph for slide	Atherton Reactor	Maile	3-157-2
3-19	Electronics device for Med. Dept. (overall view)	Foster Medical	Walton and Smith	3-158-2
3-19	Electronics device for Med. Dept. (closeup)	"	" "	3-159-2
3-18	Nurses Apartments <i>Aerials</i>	Peter Admis.	Garfield	3-160-2
3-18	Medical Dept.	"	Garfield	3-161-2
3-18	Medical Area	"	Garfield	3-162-2
3-18	Medical Dept. Animal house	"	Garfield	3-163-2
3-18	Medical Dept. Laundry	"	Garfield	3-164-2
3-18	Biology Building	"	Walton	3-165-2
3-18	Cosmotron Building	"	Walton	3-166-2
3-18	Nuclear Moments Lab	"	Garfield	3-167-2
3-18	Medical Dept.	"	Garfield	3-168-2
3-18	T-197	"	Walton	3-169-2

Date	Caption	Dept.	Photographer	Number
3-18	Electronics Bldg. <i>Aerials</i>	Peter Admis.	Walton	3-170-2
3-18	Particle Physics	"	Garfield	3-171-2
3-18	T-119	"	Garfield	3-172-2
3-18	Particle Physics Lab.	"	Garfield	3-173-2
3-18	Maintenance Warehouse areas	"	Garfield	3-174-2
3-18	T-100	"	Garfield	3-175-2
3-18	T-120	"	Garfield	3-176-2
3-18	Maintenance Warehouse area	"	Walton	3-177-2
3-18	Warehouse	"	Garfield	3-178-2
3-18	Warehouse	"	Garfield	3-179-2
3-18	Flywood warehouse	"	Garfield	3-180-2
3-18	Shops	"	Garfield	3-181-2
3-18	Warehouse	"	Garfield	3-182-2
3-18	Warehouse area	"	Walton	3-183-2
3-11	Beam is sent around the magnet for the first time	Cottingham Cosmotron	Walton	3-184-2 3-185-2
3-17	Complex set-up for the manufacture of iodine-before being set in hot cell	Selvin Hot Lab	Walton	3-186-2
3-20	Graphs for slides	Singleton Biology	Bull	3-187-2 thru 3-191-2
3-20	FMs of adrenal glands #1 thru VII	Moses Biology	Smith	3-192-2 thru 3-198-2
3-20	Graphs for slides	Schwarz Chemistry	Bull	3-199-2 thru 3-201-2
3-20	Graphs for slides	Singleton Biology	Bull	3-202-2 3-203-2
3-20	Graph	King Biology	Bull	3-204-2

Date	Caption	Dept.	Photographer	Number
3-20	Graphs	Saneier Chemistry	Lasky	3-205-2 3-206-2
3-20	Copy negative	Yuan Reactor <i>Coon</i>	Lasky	3-207-2
3-19	PMs of cancer tissue	Godwin Pathology	Smith	3-208-2 thru 3-219-2
3-17	Mr. Brickford after pile radiation on 3-11-52 (top view)	Farr Medical	Smith	3-220-2
3-11	Mr. Brickford after pile radiation of 3-11-52 (left profile)	"	"	3-221-2
3-11	Mr. Brickford after pile radiations on 3-11-52 (right profile)	"	"	3-222-2
3-20	Metal strips showing corrosion	Bloore Reactor	Smith	3-223-2
3-19	Cobalt gamma source ingreenhouse	Chris Biology	Smith	3-224-2
3-22	Curves	Babanea Reactor	Herbert	3-225-2 3-226-2
3-21	Graphs	Medalia	Herbert	3-227-2 thru 3-238-2
3-21	Copy negative	Anderson Chemistry	Simack	3-239-2
3-21	Graph for slide	Sailor Reactor	Lasky	3-240-2
3-24	Graphs for slide	Klein Biology	Herbert	3-241-2 thru 3-245-2
3-24	Drawing	Gibbs Biology	Herbert	3-246-2
3-24	Drawings	Sailor Reactor	Herbert	3-247-2 thru 3-253-2
24	Drawings	Sacks Biology	Herbert	3-254-2 thru 3-257-2

Date	Caption	Dept.	Photographer	Number
3-24	Copy of J. Sacks portrait	Sacks Biology	Lasky	3-258-2
3-24	Drawing	Mazzarella Meteor	Lasky	3-259-2
3-25	Flange cutter	Page Reactor	Walton	3-260-2
3-25	Exploded view of flow valve	"	"	3-261-2
3-25	Part of flow valve assembly	Page Reactor	"	3-262-2
3-25	Copies of figures	Godwin Pathology	Simack	3-262-2
3-26	Typed tables for slides	Godwin Pathology	Simack	3-267-2 thru 3-271-2
3-26	Typed tables for slides	Sparrow Biology	Lasky	3-272-2 thru 3-274-2
3-25	Wind velocity analyzer	Mazzarella Meteor	Walton	3-275-2
3-25	20-Curie source in greenhouse	Sparrow Biology	Walton	3-276-2 3-277-2
3-25	Flower pot arrangment for starling seedlings	Chris Biology	Walton	3-278-2
3-27	Semi-hot cell w/pump monometer and heat lamps set in place	hot lab	Walton	3-279-2
3-27	Infra Red heat lamps semi-hot cell	Golding Hot Lab	Walton	3-280-2
3-27	Motor and pump	"	Walton	3-281-2
3-27	Semi-hot cell monometer setup	"	Walton	3-282-2
3-28	Drawings for slides	Hartzell AUI	Lasky	3-282-2 thru 3-285-2
3-14	West face of pile	Hayworth Directors off.	Walton & Garfield	3-286-2 thru 3-290-2

Date	Caption	Dept.	Photographer	Number
3-5	Slide No. 4341-F (B) 395	Biology Sparrow	R.F. Smith	3-291-2
3-5	Slide No. 4341-F 396	Sparrow	R.F. Smith	3-292-2
3-5	Slide No. 4341-F (A) 397	Sparrow	R.F. Smith	3-293-2

April

Date	Caption	Dept.	Photographer	Number
4-1	Bainbridge Prostate Negatives	Bainbridge Physics	Fuka	4-1-2
3-11	Mr. Brickford being prepared for radiation in pile	Dr. Farr Medical	Smith and Walton	4-2-2
3-11	Mr. Brickford being prepared for radiation in pile	Dr. Farr Medical	Smith and Walton	4-3-2 4-4-2
3-29	Photomicrograph of nerve tissue	I. Golding Biology	Smith	4-5-2 4-6-2
3-29	Lucite fly feeder and handling rod and Lucite fly feeder breakdown	B. King Biology	Smith	4-7-2 4-8-2
3-29	Drosophalie <i>4-14-2 - WING MUTATIONS IN WINGS -</i>	B. King Biology	Smith	4-9-2 thru 4-28-2
4-1	Lattice Parameter	Dienes Physics	Simack	4-29-2
"	Bombardment time in seconds	"	"	4-30-2
"	Resolved shear stress	"	"	4-31-2
"	Conductivity	"	"	4-32-2
"	Thermal Conductivity	"	"	4-33-2
"	" " (w/cm deg.)	"	"	4-34-2
"	Lattice Parameter	"	"	4-35-2
"	Energy, Mev	"	"	4-36-2
"	Exposure	"	"	4-37-2
"	Annealing Temp.	"	"	4-38-2
"	Table 2	"	"	4-39-2
"	Table 1	"	"	4-40-2
4-2	200 Curie Gamma Radiation field	Sparrow	Simack	4-41-2
4-2	Original wt. Grams	Biology Nims	Simack	4-42-2
4-2	Drawings and graphs for slides	Koshland	Lasky	4-43-2
4-1	Diaphram showing cracker around shaft	Scarlett	Walton	thru 4-53-2 4-54-2
4-1	Test stand for constant heat testing of Uranium	Alberton	Walton	4-55-2

Date	Caption	Dept.	Photographer	Number
4-1	Test stand and spool for uranium testing	A. Aberton	Walton	4-56-2
"	Buckling test for uranium	"	"	4-57-2
"	Uranium bars	"	"	4-58-2
"	Uranium bar after the blind test	"	"	4-59-2
"	Close up of Brookhaven express	A. Finn Medical	Walton	4-60-2
"	Brookhaven express in operation	A. Finn	Walton	4-61-2
"	Fluorideoxide samples	F. Miles Research	Walton	4-62-2
3-29	Tradescantia bud and stem	Chris Biology	Walton	4-63-2
4-3	PM of onion root tip	Masis Biology	Smith	4-64-2 thru 4-69-2
4-3	Graph for slides	Weberly Physics	Laskey	4-70-2
4-3	Graph	Hughes Physics	Laskey	4-71-2
4-3	Graph	Hughes	Laskey	4-72-2
4-3	Drawing	Hughes	Laskey	4-73-2
4-3	Graph	Edelman Biology	Laskey	4-74-2 4-75-2
4-1	South Road Bridge	Hunter Building and Grounds	Walton	4-76-2 thru 4-86-2
4-1	Path used for turning down gear locks	Sidel	Walton	4-87-2
3-27	1951-52 golf champion	Vogt	Walton	4-88-2
4-2	Partially assembled permanent magnet	Cohen	Walton	4-89-2
3-27	Biology building progress pipes laid in sub-flooring	Lancaster	Walton	4-90-2 4-91-2
4-1	Close-up of cutting gear teeth	Sidel	Walton	4-92-2
4-4	Graphs for slides	Shutt Physics	Bull	4-132 4-93 thru 4-96-2

Date	Caption	Dept.	Photographer	Number
4-4	Graphs for slides	De Moss Biology	Bull	4-97-2 thru 4-104-2
4-4	Graph	Hale Medical	Bull	4-105-2 thru 4-108-2
4-4	Graph	King Biology	Bull	4-109-2 thru 4-114-2
4-4	Graph	Sparrow Biology	Lasky	4-115-2
4-2	Gross specimen photograph of human brain specimen	Godwin	Smith	4-116-2
4-2	Photomicrograph of cancer tissue	Godwin	Smith	4-117-2 thru 4-131-2
4-4	Graph for slides	Shutt Physics	Bull	4-132-2
4-7	Table for slide	Hale Medical	Fuka	4-133-2 and 4-134-2
4-8	Bancroft blood-gas pump	Van Slyke Medicine	Fuka	4-135-2
4-8	Copy neg. for Van Slyke	"	"	4-136-2
4-7	Long Cloud Chamber-end view	Shutt Physics	Smith	4-137-2
4-7	Long Cloud Chamber-overall view (Felix)	"	"	4-138-2
4-2	Health physics x-ray monitoring	Weiss H. Physics	Maile	4-139-2 thru 4-141-2
4-9	Chart of Nuclides (neg. in Mals files)	Colesman Reactor	Mal Herbert	4-142-2
4-9	Line drawings	Koshland	Simack	4-143-2 4-144-2
4-9	Graphs	Michlich Physics	Maile	4-145-2 4-146-2
4-9	Graphs	Tosteson Medicine	Maile	4-147-2 thru 4-151-2
4-10	Graphs	Tosteson Medical	Maile	4-152-2 thru 4-158-2

Date	Caption	Dept.	Photographer	Number
4-9	Glass ware set-up	Medical Senix	Walton	4-159-2
4-9	Close up of glass-ware	"	Walton	4-160-2
4-10	Line drawing	"	Bull	4-161-2 thru 4-163-2
4-10	Line drawing	"	Maile	4-164-2
4-10	Line drawing	Shutt Physics	Bennett	4-165-2 thru 4-169-2
4-10	Type tables and Line drawings	Dwyer	Maile	4-170-2 thru 4-185-2
4-11	Cloud chamber for cosmotron	Shutt Physics	Smith	4-186-2 thru 4-187-2
4-11	Checking fly cultures	King Biology	mSmith	4-188-2
4-11	Line drawing	Baries Research	Lasky	4-189-2
4-9	Part of Electromagnetic pump	Reactor Baries	Walton	4-190-2
4-9	Center section of test panel showing pump	"	Walton	4-191-2
4-9	Electromagnetic pump	"	Walton	4-192-2
4-9	Test panel with pump row removed	"	Walton	4-193-2
4-9	Test panel	"	Walton	4-194-2
4-9	Name plate on Vacuum chamber	Polk Reactor	Walton	4-195-2
4-11	Graph	Edleman Biology	Bull	4-196-2
4-10	Photomicrograph of cancer cells	Godwin Pathology	Smith	4-198-2 thru 4-201-2
4-10	Corn plants in Greenhouse	Singleton Biology	Smith	4-197-2

Date	Caption	Dept.	Photographer	Number
4-14	Graph	Goldhaber Physics	Bull	4-202-2
4-11	West face of the pile	Hayworth Reactor	Walton	4-203-2 thru 4-205-2
4-17	Chromosomes	Yerganian Biology	Fuka	4-206-2 thru 4-214-2
4-16	Line Drawings	Whittemore Physics	Herbert	4-215-2 thru 4-217-2
4-16	Line Drawings	Shutt Physics	Herbert	4-218-2 thru 4-221-2
4-16	Line Drawings	Bob King Biology	Herbert	4-225-2
4-17	Tracers	Bernstein Electronics	Fuka	4-226-2 thru 4-229-2
4-10	General View of enclosed brazing spindle	Metallurgy Turovlin	Walton	4-230-2
4-10	General View of enclosed spindle	"	"	4-231-2
4-18	Graphs and line drawings	Rozensweig	Fuka	4-232-2 thru 4-238-2
4-17	Chromosomes from a Chinese Hamster	Yerganian Biology	Walton	4-239-2 thru 4-240-2
4-17	Arozone on 181 level of tower	Metallurgy Mitchell	Walton	4-241-2
4-18	Kite balloon and preplates	Electronics Rankowitz	Walton	4-242-2
4-17	Biology building process	Lancaster AEC	Walton	4-243-2
4-16	Potato seedling	Biology Chris	Walton	4-244-2 thru 4-246-2
4-14	Unassembled sections of neutron chopper	Seidl Physics	Walton	4-247-2

Date	Caption	Dept.	Photographer	Number
4-14	Section of neutron chopper	Seidl Physics	Walton	4-248-2
4-14	Section of neutron chopper	"	"	4-249-2
4-14	Separation stripe for neutron chopper	"	"	4-250-2
4-18	Tracers	Bernstein Electronics	Bull	4-251-2 thru 4-253-2
4-18	Line Drawing	der Mateo- sion Physics	Fuka	4-254-2 thru 4-257-2
4-21	Line Drawing	Goldhaber Physics	Fuka	4-258-2 thru 4-265-2
4-21	Line Drawings	Rubin Biology	Fuka	4-266-2 thru 4-267-2
4-15	First complete beam around magnet	Collins Cosmotron	Walton	4-268-2 thru 4-269-2
4-11	Fire damage to control section	Cyclotron Merkle	Walton	4-270-2 thru 4-273-2
4-21	Line Drawings	Bernstein Electronics	Lasky	4-274-2 thru 4-281-2
4-22	Line Drawings	Blau Physics	Lasky	4-282-2 thru 4-287-2
4-22	Line Drawings	Physics Goldhaber	Lasky	4-288-2 thru 4-289-2
4-22	Line Drawings	Richards Physics	Simack	4-290-2 thru 4-291-2
4-24	Line Drawings	Physics Goldhaber	Simack	4-292-2 thru 4-298-2
4-24	Line Drawing	H. Physics Sanders	Simack	4-299-2

Date	Caption	Dept.	Photographer	Number
4-24	Line Drawings	Physics Blau	Simack	4-300-2 thru 4-306-2
4-24	Line Drawings	Physics Goldhaber	Simack	4-307-2 thru 4-311-2
4-24	Line Drawings	Physics Wiberly	Simack	4-312-2
4-24	Line Drawings	Gibbs Biology	Bennett	4-313-2 thru 4-318-2
4-24	Line Drawing	Sanders H. Physics	Simack	4-319-2
4-24	Line Drawings	Palevsky Physics	Simack	4-320-2 thru 4-323-2
4-22	Looking into "Hood" at system of glass tubes and flasks	Reactor Bellanca	Walton	4-324-2
4-22	Aerovanes on 18' axel of "Ace"	Meteorology Mitchell	Walton	4-325-2
4-25	Ionization chamber	Sanders H. Physics	Smith	4-326-2
4-25	Corn Mutations	Singleton Biology	Smith	4-32-7-2 and 4-328-2
4-25	Nuclides Model	Goldhaber Physics	Smith	4-329-2
4-25	Line Drawing	Lutwak Bio-chem istry	Simack	4-400-2
4-28	Graphs	Hughes Physics	Lasky	4-401-2 thru 4-403-2
4-28	Graphs and Drawings	Bob King Biology	Lasky	4-404-2 thru 4-406-2
4-29	Angle to Incident Beam Direction	Lindenbaum Physics	Lasky	4-407-2
4-29	Angular Distribution of Fast Neutrons	Lindenbaum Physics	Lasky	4-408-2

Date	Caption	Dept.	Photographer	Number
4-29	Thermal Excitation Energy in MEV.	Lindenbaum Physics	Lasky	4-409-2
4-29	Neutron Energy - ev.	V. Sailor Reactor	Lasky	4-410-2
4-29	Graphs	M. Goldberg	Lasky	4-411-2 thru 4-414-2
4-29	Graphs	Piccioni Physics	Lasky	4-415-2 thru 4-419-2
4-29	Formula for slides	O. Schaeffer Chemistry	Bennett	4-420-2
4-29	Comparison between Calculations & Observed values for Hydrogen, Deuter- ium etc. using Low Energy Electrons	Schaeffer Chem.	Bennett	4-421-2
4-29	Mass Spectra of Deuterated Methanes	Schaeffer Chem.	Bennett	4-422-2
4-29	Isotope effect on some diatomic molecules "		Bennett	4-423-2
4-29	Isotope effect on mass spectral patterns of acetylenes $\text{HC}^{12}\text{C}^{12}\text{H}$ and $\text{HC}^{12}\text{C}^{12}\text{D}$	Schaeffer Chem.	Bennett	4-424-2
4-29	Formula for slide	Schaeffer Chem.	Bennett	4-425-2
4-29	Formula for slide	Schaeffer Chem.	Bennett	4-426-2
4-29	Formula for slide	Scheffer Chem.	Bennett	4-427-2
4-29	Effect of accelerating voltage peak ratios	Schaeffer Chem	Bennett	4-428-2
4-29	Tolerance of various plants to chronic gamma irradiation from CO^{60}	Schaeffer Chem.	Bennett	4-429-2
4-29	Graphite reflector	Hughes Phys.	Bennett	4-430-2
4-29	Slide pertaining to pile	Hughes Phys.	Bennett	4-431-2
4-29	Graph slide pertaining to pile	Hughes Phys.	Bennett	4-432-2
4-29	Graph	Hughes Phys.	Bennett	4-433-2

Date	Caption	Dept.	Photographer	Number
4-29	Circle drawing for slide	Schaeffer Chem.	Lasky	4-434-2
4-29	Line Drawing for slide	Schaeffer Chem.	Lasky	4-435-2
4-29	Cosmic Ray Set-ups	Piccioni Phys.	Lasky	4-436-2 thru 4-438-2
4-30	Graphs including 2 work diagrams of a Goldberg Model Calculation	Lindenbaum Phys.	Lasky	4-439-2 thru 4-443-2
4-30	Clouds forming over smoke from Forest Fire	Smith Meto.	Smith	4-444-2
4-30	Clouds forming over smoke from Forest Fire	Smith Meto.	Smith	4-445-2
4-30	Overall view of vacuum table	Grahm Elec.	Smith	4-446-2
4-30	Tube	Grahm	Smith	4-447-2
4-30	"	"	"	4-448-2
4-30	Tool used for making Ilies	"	"	4-449-2
4-30	Top view of vacuum table	"	"	4-450-2
4-30	Ilies of tube parts	"	"	4-451-2
4-30	Ilies for tubes	"	"	4-452-2
4-30	Ilies of parts for electronic tubes	"	"	4-453-2
4-30	Mica parts for tubes & tools	"	"	4-454-2
4-30	Ilies for electronic tube parts	"	"	4-455-2
4-30	Parts for tubes	"	"	4-456-2
4-30	Plates for electronic tubes	"	"	4-457-2
4-30	Ilies for making small tube parts	"	"	4-458-2
4-30	Tube parts	"	"	4-459-2
4-30	Tubes	"	"	4-460-2
4-30	Electronic tubes	"	"	4-461-2
4-30	Tube parts	"	"	4-462-2
4-30	Shadow graph of tool head for making electronic tubes	"	"	4-463-2
4-30	Breakdown of parts for Electronic tube	"	"	4-464-2
4-23	Pong shot, showing F. Williams pointing to partial humid glove found in woods mouth of Pile	Williams Security	Walton	4-465-2
4-23	Close-up of glove and tape measure	Williams Security	Walton	4-466-2
4-25	Magnet section after being paved	Mede Cosmotron	Walton	4-467-2
4-25	Looking into top of form for the magnet coil which resin is being painted	Mede Cosmotron	Walton	4-468-2
4-23	Mold used for pouring glass cloth and resin insolation	Mede Cosmotron	Walton	4-469-2

Date	Caption	Dept.	Photographer	Number
4-25	Pouring resin into coil mold	Mede Cosmo.	Walton-	4-470-2
4-25	Partially assembled mold for insulation	Mede Cosmo.	Walton	4-471-2
4-23	Looking down on one of the coils for the 18" cyclotron	Mede Cosmo.	Walton	4-472-2
4-23	Cross-section of coil pouring form, showing lip under-section	Mede Cosmo	Walton	4-473-2
4-25	Magnet Section	Cohen Chem.	Walton	4-474-2
4-25	Looking between the magnet sections of the 18" cyclotron	Lasky Cosmo.	Walton	4-475-2
4-25	Looking into the back of the Dee support	Lasky Cosmo.	Walton	4-476-2
4-25	Looking down on the Dees for the 18" Cyclotron	Lasky Cosmo.	Walton	4-477-2
4-23	Potato seedlings	Christman Bio.	Walton	4-478-2
4-23	Trillium seedlings showing comparative growth rates due to various radiation dosages	Christensen Bio.	Walton	4-479-2
4-28	Slide No. A-2971-K2 398	Biology Sparrow	R.F. Smith	4-480-2
4-28	Slide No. A-4066-C 399	"	R.F. Smith	4-481-2

May

Date	Caption	Dept.	Photographer	Number
5-1	2 Moles Acetic Acid/Mole Propanol 1/100 Mole H_2SO_4 Added at $t = 0$	Wiberling Phys.	Lasky	5-1-2
5-1	Graph showing Propanol and Acetic Acid mixed	Richards	Lasky	5-2-2
5-2	Dermolofibrasarooma proluberans	Godwin Med.	Maile	5-3-2
5-2	Benign Tumors & Tumor like proliferations	"	"	5-4-2
5-2	Malignant Tumors	"	"	5-5-2
5-2	Malignant bone & Cartilage tumors	"	"	5-6-2
5-2	Equations (#) made into a slide	"	"	5-7-2
5-2	Myxomatoses	"	"	5-8-2
5-2	Osteomatoses	"	"	5-9-2
5-2	Lipomatoses	"	"	5-10-2
5-2	Angiomatoses	"	"	5-11-2
5-2	Lithium Iodide Oven Control	Schardt Elec.	Simack	5-12-2
5-2	Radiation tracks	Hughes Phys.	Lasky	5-13-2
5-2	Whatman's Picture	Whatman Med.	Bull	5-14-2
5-4	Television Show		Walton	5-15-2 thru 5-20-2
5-5	Radioactive Iodine I-131		Bull	5-21-2
5-5	Radioactive Iodine		Bull	5-22-2
5-1	Form & Samples used to mold sources for plant radiating device	Sparrow Bio.	Walton	5-23-2
5-1	Form used to mold sources for plant radiating device	"	"	5-24-2
5-1	Close-up of device used to radiate plants	"	"	5-25-2
5-1	Close-up of device used to radiate plants	"	"	5-26-2

Date	Caption	Dept.	Photographer	Number
5-1	Partially assembled view of plant radiation device	Sparrow Bio.	Walton	5-27-2
5-6	Normal Fly Wing	King Bio.	Smith	5-28-2
5-6	Mutant Fly Wing	"	"	5-29-2
5-6	Chromosomes	Sparrow Bio.	Lasky	5-30-2
5-6	Chromosomes	"	"	5-31-2
4-30	Photomicrographs of Cancer Cells	Godwin Path.	Smith	5-32-2 thru 5-61-2
5-6	*Note on Back of Page Table for picture	King Bio.	Lasky	5-62-2
4-28	Nephrosis patient side view	Farr Med.	Walton	5-63-2
4-28	Nephrosis patient front view	"	"	5-64-2
4-28	Corn seedlings	Konzak Bio.	Walton	5-65-2
5-1	Barley Seedlings	"	"	5-66-2
4-28	Radiated corn seedlings	"	"	5-67-2
5-1	Barley seedlings	"	"	5-68-2
5-1	Barley seedlings	"	"	5-69-2
5-1	Barley seedlings	"	"	5-70-2
5-1	Barley seedlings	"	"	5-71-2
4-28	Corn flat in the Greenhouse	"	"	5-72-2
4-28	Corn flat in the Greenhouse	"	"	5-73-2
5-1	Barley seedlings	"	"	5-74-2
4-28	Barley seedlings	"	"	5-75-2
4-28	Corn seedlings	"	"	5-76-2
4-28	Corn seedlings	"	"	5-77-2
5-1	Barley seedlings	"	"	5-78-2
5-8	Observed Total Cross Section - Barns	V. Saylor Rea.	Bennett	5-79-2

Date	Caption	Dept.	Photographer	Number
5-1	Barley seedlings	Konzak Bio.	Walton	5-80-2
5-1	Corn Flat	"	"	5-81-2
5-1	Kalanchoe Plants	Sparrow Bio.	Walton	5-82-2
5-1	Kalanchoe Plants	"	"	5-83-2
5-1	View of assembled pollenating device	Singleton Bio	Walton	5-84-2
5-1	Explodial view of pollenating device	"	"	5-85-2
5-1	Exterior view of Hot Lab.	Haworth	Walton	5-86-2
5-1	Exterior view of Hot Lab.	Haworth	Walton	5-87-2
4-22	Loop "A"	Baries Rea.	Walton	5-88-2
5-8	Neutron energy - ev.	V. Sailor Rea.	Bennett	5-89-2
5-8	Neutron energy - ev.	"	"	5-90-2
5-9	Copy negative	M. Moses Bio.	Maile	5-91-2
5-9	Figure 2	Bernstein Elec.	Lasky	5-92-2
5-9	Figure 3	"	"	5-93-2
5-9	Figure 17	"	"	5-94-2
5-9	Figure 18	"	"	5-95-2
5-9	Figure 19	"	"	5-96-2
5-9	Figure 20	"	"	5-97-2
5-9	Figure 21	"	"	5-98-2
5-11	Visitors Day Pictures	J. Burt	Lasky <i>Garfield & Christofferson</i>	5-99-2 thru 5-132-2
5-11	Drosophalus	M. Moses Bio.	Bull	5-133-2
5-13	Visitors Day	J. Burt	Lasky <i>G & C</i>	5-134-2 thru 5-137-2

Date	Caption	Dept.	Photographer	Number
5-9	Beta sensitive electrometer & research	Sanders HEP	Walton	5- 138 ¹³⁸ -2
5-9	Beta sensitive electrometer & research	"	"	5- 139 ¹³⁹ -2
5-14	Figure 1 (included in fly progress)	Brown Weiss	Herbert	5-140-2
5-14	The A ⁴¹ Injection system at the Calibration room	Sanders HEP	Fuka	5-141-2
5-14	Insulator and Insulator Mount Cross Sec.	"	"	5-142-2
5-14	Time after A ⁴¹ sample entered Calibration room	"	"	5-143-2
5-14	Energy in electron kilo volts	"	"	5-144-2
5-14	Time of sample decay in mins.	"	"	5-145-2
5-14	Time after irradiation (Decay Time) in mins.	"	"	5-146-2
5-14	Kurie Plot of the A ⁴¹ Spectrum	"	"	5-147-2
5-9	Stem from spruce tree showing control seeds	Sparrow Bio.	Walton	5-148-2
5-9	Stem of a spruce tree being irradiated	"	"	5-149-2
5-12	Tulip that have been radiated	"	"	5-150-2
5-12	Tulip that have been radiated	"	"	5-151-2
5-15	Photomicrograph of section from stomach	Godwin Path.	Smith	5-152-2 thru 5-155-2
5-15	Close-up of cancer patient showing recession of tumor after radiation treatment	Farr Med.	Smith	5-156-2
5-15	Chlorine CL ³⁸	Robertson Med.	Simack	5-157-2
5-15	Dose per total energy	B. King Bio.	Lasky	5-158-2
5-15	Sex-linked recessive lethal mutations. per 100 tested sperm cells	"	"	5-159-2
5-15	Osmotic transients of urethane and Urea	Renkin Bio.	Fuka	5-160-2
5-15	Effect of blood flow and apparent distribution volumes	"	"	5-161-2

Date	Caption	Dept.	Photographer	Number
5-15	Diagram of perfusion circuit	Renkin Bio.	Fuka	5-162-2
5-15	Diffusion of antipyrine analysis of arterial concentration curve	"	"	5-163-2
5-15	Diffusion of antipyrine in the isolated, perfused hind limb of the cat	"	"	5-164-2
5-15	Effect of blood flow on diffusion Kinetics	"	"	5-165-2
5-15	Graph showing counts per min	Sher <i>Sher</i>	Fuka	5-166-2
5-15	Graph	Alberger Chem.	Lasky	5-167-2
5-15	Graph	"	"	5-168-2
5-16	Graphs	Rosensweig <i>Rosensweig</i>		5-169-2 thru 5-173-2
5-16	Injecting rats with radio Iodine	Godwin Path.	Smith	5-174-2
5-16	Photomicrograph of weld	Turovlin Reactor	Smith	5-175-2
5-16	Photomicrograph of weld	"	"	5-176-2
5-16	Photo of clove plants showing effects of radiation	Kaveljian <i>Kaveljian</i>	Smith	5-177-2
5-16	Photomicrograph of plant tumor grown in culture	"	"	5-178-2
5-16	Photomicrograph of plant tumor grown in culture	"	"	5-179-2
5-16	Photomicrograph of drosophila fly	B. King Bio.	Smith	5-180-2
5-16	Photomicrograph of drosophila fly	"	"	5-181-2
5-16	Photomicrograph of drosophila fly	"	"	5-182-2
5-16	Photomicrograph of cancer cells	Godwin Med.	Smith	5-183-2 thru 5-189-2
5-19	Biology Dept. Visitors day Exhibit	Bio. M. Moses	M. Moses	5-190-2 thru 5-200-2

Date	Caption	Dept.	Photographer	Number
5-19	Fig. 4 Flow sheet of fissionable material in a breeder system	Miles	M. Herbert	5-201-2
5-19	Fig. 3 Flow sheet of neutrons Fissionable material and energy in a converter or breeder system	"	"	5-202-2
5-19-	Fig. 1 Flow sheet of neutrons and Fissionable material in core	"	"	5-203-2
5-19	Fig. 2 Flow sheet of neutrons and Fissionable material in a blanket	"	"	5-204-2
5-14	Semi-Hot cell shot of setup	Gloyne Hot Lab	Walton	5-205-2
5-14	Semi-Hot cell shot of setup	"	"	5-206-2
5-13	Gene Church making adjustments on Beta Counter	Church Phys.	Walton	5-207-2
5-13	General view of beta counter	"	"	5-208-2
5-13	Part of beta counting assembly	"	"	5-209-2
5-7	Women bowling champs	BERA Vogt	Walton	5-210-2
5-7	Men bowling champs	"	"	5-211-2
5-16	Thyroid cancer patient	Farr Med.	Walton & Smith	5-212-2 thru 5-214-2
5-16	Cancer patient showing discoloration of skin pigment	"	"	5-215-2
5-19	Tradescantia plants	Chris. Bio.	Walton	5-216-2 and 5-217-2
5-20-	Photomicrograph	Saunders Bio.	Smith	5-218-2 thru 5-231-2
5-20	Photomicrograph of Hamster chromosomes	Yerganian Bio.	Smith	5-232-2 thru 5-253-2
5-19-	Exploded view of Gamma radiation tank	Kuhl Reactor	Walton	5-254-2 and 5-255-2
5-19	Gamma radiation tank assembled view	"	"	5-256-2
5-19	Gamma radiation tank bottom view show-	"	"	5-257-2

Date	Caption	Dept.	Photographer	Number
5-19	Filter assembly and filter	Baransky Reactor	Walton	5-258-2
5-21	Radiated corn seedlings	Konzak Bio.	Walton	5-259-2 thru 5-262-2
5-24-	Radiated Barley seedlings	Konzak Bio	Walton	5-263-2 and 5-264-2 5-265-2 5-266-2
5-21	Scope trace <i>Cosmotron-2 beu</i> u u	J. Burt	Walton	5-267-2
5-22	Copies for slides	S. Fried Chem.	Maile	5-268-2 thru 5-273-2
5-22	Typed Table	Page Reactor	Herbert	5-274-2
5-22	Photomicrographs of living nerve cells	Goldring Bio.	Smith	5-275-2 thru 5-278-2
5-23	BEV-day		Garfield	5-279-2 thru 5-281-2
5-23	BEV-day		Garfield	5-282-2 and 5-283-2
5-23	BEV-day		Garfield	5-284-2 thru 5-287-2
5-23	BEV-day		Garfield	5-288-2 thru 5-290-2
5-23	BEV-day		Garfield	5-291-2
5-23	BEV-day		Garfield	5-292-2
5-23	Photomicrograph of Path. Section	Saunders Bio.	Smith	5-293-2 thru 5-302-2
5-23	Photomicrograph of cancer tissues	Godwin Path.	Smith	5-303-2 thru 5-319-2

Date	Caption	Dept.	Photographer	Number
5-26	Copy of picture	P. Wilson Phys.	Simack	5-320-2
5-26	Copy of graphs and apparatus	Steele Bio.	Simack	5-321-2 thru 5-327-2
5-26	Copy of composite and 1 graph	Sparrow Bio.	Simack	5-328-2 thru 5-332-2
5-22	Non-overloading amplifier - top view	Chase Elec.	Walton	5-333-2
5-22	Non-overloading amplifier - top view	"	"	5-334-2
5-22	Non-overloading amplifier - bottom view	"	"	5-335-2
5-16	Crystal spectrometer	V. Sailor Rea.	Walton	5-336-2
5-13	Rear view of Loop "A"	Baries Rea	Walton	5-337-2
5-13	Loop "A" men are shown wearing protective covering while working on Loop	"	"	5-338-2
5-13	Front view of Loop "A"	"	"	5-339-2
5-13	Rear view of Loop "A"	"	"	5-340-2
5-27	Tables, graphs & apparatus for slides	E. Sayre Chem.	Lasky	5-341-2 thru 5-347-2
5-27	Phosphorus Chart for slide	Robertson	Lasky	5-348-2
5-27	Figure 48 Diamond polished	Freed Chem.	Simach	5-349-2
5-27	Figure 71	"	"	5-350-2
5-27	Copies for slides	"	"	5-351-2 thru 5-353-2
5-22	Bio. Building progress	Lancaster	Walton	5-354-2 thru 5-364-2
5-22	Tumor in a mouse's head	Edelman Bio.	Walton	5-365-2 thru 5-368-2
5-22	The cosmotron - How it works	J. Burt	Maile	5-369-2

Date	Caption	Dept.	Photographer	Number
5-22	How a Cosmotron Works (5 pics # 1 thru 5)	J. Burt	Maile	5-370-2 thru 5-374-2
5-28	Particle track created in Cosmotron	Blau Phys.	Smith	5-375-2
5-29	Injecting rats with radio Iodine	Godwin Pathology	Smith	5-367-2 thru 5-379-2
5-29	Dr. Godwin & Lab asst. at rat cages Before starting the Radio Iodine Injection of 200 rats	Godwin Pathology	Smith	5-380-2
?	Slide No. A-502-A	Sparrow	R.F. Smith	5-381-2
5-28	Slide No. 5-B 402	Sparrow	R.F. Smith	5-382-2

June

Date	Caption	Dept.	Photographer	Number
6-2	Percentage Distribution of Spin and parity of states of even-even nuclei	Goldhaber Physics	Bull	6-1-2
6-2	Intramolecular Isotope effect in the decarboxylation of malonic acid as a function of temperature	Beigelisen Chemistry	Bull	6-2-2
6-2	C^{14} Effect on base catalyzed reaction of the carbonyl group benzilic acid rearrangement	Beigelisen	Bull	6-3-2
6-2	The determination of the ratio of rate constants by the intercomparison of the isotopic comparison of products with substrate	Beigelisen	Bull	6-4-2
6-2	Intramolecular isotope effect	Beigelisen	Bull	6-5-2
6-2	C^{14} effect on base catalyzed reaction of the carbonyl group cannizzaro reaction	Beigelisen	Bull	6-6-2
6-2	Intramolecular isotope effect	Beigeleisen	Bull	6-7-2
6-2	Intramolecular isotope effect	Beigeleisen	Bull	6-8-2
6-2	Benzoin condensation	Beigeleisen	Bull	6-9-2
6-2	Intramolecular isotope effect	Beigeleisen	Bull	6-10-2
6-2	Intramolecular isotope effect	Beigeleisen	Bull	6-11-2
6-2	Intramolecular isotope effects	Beigeleisen	Bull	6-12-2
6-2	C^{14} effect on base catalyzed reactions on the carbonyl group	Beigeleisen	Bull	6-13-2
6-2	Intramolecular isotope effect	Beigeleisen	Bull	6-14-2
6-2	Spin and parity of second excited State of even-even nuclei	Goldhaber Phys.	Bull	6-15-2
6-2	C^{13} Intermolecular isotope effect in Decarboxylation reactions	Beigeleisen	Bull	6-16-2
6-2	Figure 3 Importance of understanding Science	Hartzell <i>Oliver</i>	Lasky	6-17-2
6-2	Figure 4 Education the orientation and development of the individual	Hartzell	Lasky	6-18-2
5-27	Insert plug with loading cap in place	Robertson Medical	Walton	6-19-2

Date	Caption	Dept.	Photographer	Number
5-27	Insert plug with operating cap in place	Robertson Medical	Walton	6-20-2
5-27	Lead pig, used for irradiation	Robertson Medical	Walton	6-21-2
5-27	Insert plug showing arrangement of holes for holding radioactive cobalt	Robertson Medical	Walton	6-22-2
5-27	Exploded view of insert plug sources and cap	Robertson Medical	Walton	6-23-2
6-2	Change of excitation energy etc.	G. Goldhaber Physics	Bennett	6-24-2
5-21	Recreation Play	Vogt BERA	Walton	6-25-2 thru 6-31-2
6-2	Line drawings	Hughes Physics	Bennett	6-32-2 thru 6-37-2
6-2	Illustrations	Hughes Physics	Bennett	6-38-2 thru 6-41-2
6-2	Equations or Formulars	Botherby <i>Chem</i>	Bennett	6-42-2 thru 6-44-2
6-2	Effects of Chronic Gamma irradiation on plants	Sparrow Biology	Lasky	6-45-2
6-2	Effects of Acute X-radiation on Plants	Sparrow Biology	Lasky	6-46-2
6-4	Copy negs from 35 mm color transpar.	Saunders	Smith	6-47-2 thru 6-59-2
6-4 6-24	Copy negs from 35 mm color transpar.	Singers Meteorol	Smith <i>Maile</i>	6-60-2 thru 6-66-2
6-4	Graphs - Tables made from ozalids - for slides	Hornbostel Phys	Lasky	6-67-2 thru 6-79-2
6-2	Photomicrograph of cancer tissue	Godwin Med	Smith	6-80-2 thru 6-84-2
6-2	Brain Tumor in mouse	Dr. Hale Medical	Smith	6-85-2

Date	Caption	Dept.	Photographer	Number
6-2	Uranium & Zirconium Rod	Turovlin Reactor	Smith	6-86-2
6-2	Photomicrograph of nerve tissue for chick embryo slide #1 Mag. 1040 x	Goldring Biology	Smith	6-87-2
6-2	Slide #2	"	"	6-88-2
6-2	Slide #3	"	"	5-89-2
6-2	Slide #4	"	"	6-90-2
6-2	Slide #5	"	"	6-91-2
6-2	Slide #6	"	"	6-92-2
6-2	Slide #7	"	"	6-93-2
6-5	Gustiness Classifications	Singer Meteo	Lasky	6-94-2
6-5	Line drawings for slides	Gamble <i>Med</i>	Lasky	6-95-2 thru 6-100-2
6-5	Barley Seedlings	Konzak Biology	Walton	6-101-2 thru 6-107-2
6-5	Comparison between control and radiated squash	Konzak Biology	Walton	6-108-2
6-6	Chloride effect, Fe II/Fe III exchange	Dodson Chemistry	Lasky	6-109-2
6-6	Temperature effect FeCl etc.	"	"	6-110-2
6-6	Temp effect Fe tec.	"	"	6-111-2
6-6	Acid effect Fe II - Fe III etc.	"	"	6-112-2
6-6	1 - x/x vs. seconds	"	"	6-113-2
6-6	Chloride dependence	"	"	6-114-2
6-6	Chloride dependence (2)	"	"	6-115-2
6-6	Summary of rate results	"	"	6-116-2
6-6	Acid dependence	"	"	6-117-2
6-6	Order analysis	"	"	6-118-2
6-6	Ferric dependence 0 C	"	"	6-119-2
6-6	Ferrous dependence 0 C	"	"	6-120-2

Date	Caption	Dept.	Photographer	Number
6-6	Composite of Spectrograms	Wiberly Physics	Lasky	6-121-2
6-6	Composite of spectrograms	"	"	6-122-2
6-6	Composite of spectrograms	"	"	6-123-2
6-11	Blood Doners	Swart <i>Adm</i>	Garfield - Bull	6-124-2 thru 6-127-2
6-6	Chemical Curves	Sancier Chemistry	Lasky	6-128-2
6-6	Chemical Curves	"	"	6-129-2
6-10	Pictures taken on North Shore	deLaguna Geology	deLaguna	6-130-2 thru 6-137-2
6-10	% micronuclei vs r per day	Sparrow	Lasky	6-138-2
6-10	% micronuclei vs total dosage in Roentg	Sparrow Biology	Lasky	6-139-2
6-10	P.M. of path tissues	Saunders Biology	Smith	6-140-2 thru 6-161-2
6-11	Geological infor shots on the N. Shore	Geological	deLaguna	6-162-2 thru 6-171-2
6-29	Radiation field	Konzak Biology	Garfield	6-172-2 thru 6-176-2
5-26	W. deLaguna Portrait	DeLaguna Geology	Christoffersen	6-177-2
6-13	Side view of column loading and un- loading mechanism	Person <i>Burt</i>	Bennett	6-178-2 thru 6-180-2
6-6	View of magnet and injector taken from generator room	J. Burt <i>Burt</i>	Walton	6-181-2
6-6	View of magnet and injector taken from window in motor generator room <i>NEG ENVELOPE CAME FROM ARCHIVE'S WORKING NEGATIVE</i>	J. Burt	Walton	6-182-2
6-13	Graph drawings	Elliott Chemistry	Bennett	6-183-2 thru 6-186-2
6-13	Tracks	Salant Physics	Bennett	6-187-2

Date	Caption	Dept.	Photographer	Number
6-13	Sub family Drosophilianar	R. King Biology	Bennett	6-188-2
6-2	Waste Disposal Lab.	Hatch Reactor	Walton	6-189-2 thru 6-194-2
6-13	% Charts of Gustiness classes for Met.	Singer Met.	Bennett	6-195-2 thru 6-203-2
6-13	Compressor damaged in shipment	Lancaster <i>Q. ...</i>	Garfield	6-204-2 thru 6-215-2
6-17	Clinical photo of thyroid Cancer Patient	Foster Medical	Smith	6-216-2
6-17	Photomicrograph of living nerve tissue	Goldring Biology	Smith	6-217-2 thru 6-222-2
6-17	Microphoto of chick embryo one on right has been X-rayed	Goldring Biology	Smith	6-223-2
6-17	Iris-Normal right mutant left	Sparrow Biology	Smith	6-224-2
6-17	Breakdown of normal and mutant Iris	Sparrow Biology	Smith	6-225-2
6-17	Petal samples	Bloare <i>...</i>	Smith	6-225-2
6-17	Macrophoto of corn kernals	Dollinger Biology	Smith	6-227-2 thru 6-229-2
6-17	Corn Mutations	Dollinger Biology	Smith	6-230-2
6-18	Portrait of Dr. Hartzell	Hartzell Admin	Garfield & Christoffersen	6-231-2
6-18	Passport Photo of M. Goldhaber	Goldhaber Physics	Garfield	6-232-2
6-18	Passport Photo of M. Goldhaber	Physics	Garfield	6-233-2
6-19	Activation cross-section for closed Proton shell nuclei	Levin Physics	Simack	6-234-2
6-19	Hole W54 Collimator assembly	Church Physics	Simack	6-235-2
6-19	Spectrograph Camera	Church Physics	Simack	6-236-2

Date	Caption	Dept.	Photographer	Number
6-19	Graphs for slides	Smith Physics	Simack	6-237-2 thru 6-252-2
6-13	Radiation field showing effects of radiation on barley	Konzak Biology	Walton	6-253-2 thru 6-256-2
6-17	Bio. Bldg. Progress	Lancaster <i>W. Lancaster</i>	Walton	6-257-2 thru 6-262-2
6-19	Chamber (Schematic)	Miskel Chemistry	Bennett	6-263-2
6-20	From Haxel, Jensen, & Swess,	Goldhaber Physics	Simack	6-264-2
6-20	R.M. of path tissue	Saunders Biology	Smith	6-265-2
6-20	P.M. of path tissue	Saunders Biology	Smith	6-266-2
6-20	P.M. of Pathological tissue	Saunders Biology	Smith	6-267-2 thru 6-271-2
6-20	Cross section of Human Brain showing tissue	Godwin Medical	Smith	6-272-2 thru 6-279-2
6-18	Iris petals - normal left, mutation right	Sparrow Biology	Smith	6-280-2
6-18	Normal Iris left, mutated right	Sparrow Biology	Smith	6-281-2
6-17	NP Scattering apparatus	Haffner <i>phys</i>	Garfield	6-282-2
6-17-2	NP Scattering apparatus	Haffner phys	Garfield	6-283-2
6-23	Hartzells Portrait	Hartzell Admin	Garfield Chris	6-284-2 thru 6-287-2
6-12	Medical Dept. Staff	Farr <i>med</i>	Garfield	6-288-2 thru 6-290-2
6-25	Graphs for slides	Harvey	Lasky	6-291-2 thru 6-296-2

Date	Caption	Dept.	Photographer	Number
6-25	Graph	Smith Physics	Lasky	6-297-2
6-25	Sutton's Variation of Wind with weight	Singer Met.	Lasky	6-298-2
6-23	General view in test shack showing painting of shielding blocks	Mede Admin	Walton	6-299-2
6-23	General view in test shack showing painting of shield block	Mede Admin	Walton	6-300-2
6-19	Pipes containing heating elements, after being immersed in flow of water jacket	Horn Nuc Eng	Walton	6-301-2
6-19	Pipes containing heating elements after being immersed in flow of water	Horn Nuc Eng	Walton	6-302-2
6-18	File window at night	Burt Admin	Walton	6-303-2
6-18	File window at night	Burt Admin	Walton	6-304-2
6-25	N-S Profile thru Brookhaven	Mazzarella Met.	Lasky	6-305-2
6-25	Graphs for slides Meteorology	Mazzarella Met.	Lasky	6-306-2 thru 6-309-2
6-25	Picture of apparatus	Mazzarella Met.	Lasky	6-310-2
6-27	Line drawings copy negs for slides	Hughes Physics	Lasky	6-311-2 thru 6-313-2
6-27	Mapping photo micrographs FM #1 thru 42 consecutively except 11	Moses Biol	Smith	6-314-2 thru 6-354-2
6-19	Plants in radiation field	Konzak Bio.	Smith	6-355-2
6-19	Plants in radiation field	Konzak	Smith	6-356-2
6-26	Normal & radiated chick embryos	Goldring Biology	Smith	6-257-2
6-26	Plants in studio	Sparrow Biology	Smith	6-358-2
	Leaves from radiated & normal leaves	Sparrow Biology	Smith	6-359-2
6-25	Chinese Hamsters	Yerganian Biology	Walton	6-360-2

Date	Caption	Dept.	Photographer	Number
6-27	A comparison of wind direction traces absolute direction & direction between two heights June 6, 1952 0100 to 0300	Mazzarella- <i>retd</i>	Lasky	6-361-2
6-29	Figure 3	Warren <i>Chern</i>	Lasky	6-362-2
6-27	Figure 2	Warren	Lasky	6-363-2
6-27	Figure 4	Warren	Lasky	6-364-2
6-27	Graph	B. King	Lasky	6-365-2
	Graph	B. King <i>B¹⁰</i>	Lasky	6-366-2
6-27	Line drawings for Slides	Alburger <i>Ph+5</i>	Lasky	6-367-2 thru 6-370-2
6-30	Graphs	Lefkowitz <i>Reed</i>	Lasky	6-371-2 thru 6-374-2
6-20	Slide No. 46L 231 B 403	Sparrow	R.F. Smith	6-375-2
6-25	Slide No. 46L 220 D -A 404	Sparrow	R.F. Smith	6-376-2
6-25	Slide No. 46L 220 D -B 405	Sparrow	R.F. Smith	6-377-2
6-25	Slide No. 46L 220 D -C 406	Sparrow	R.F. Smith	6-378-2
6-25	Slide No. 46L 220 A A1 407	Sparrow	R.F. Smith	6-379-2
6-25	Slide No. 46L 220 A A2 408	Sparrow	R.F. Smith	6-380-2
6-25	Slide No. 46L 220 A B 409	Sparrow	R.F. Smith	6-381-2
6-25	Slide No. 46L 220 A -C 410	Sparrow	R.F. Smith	6-382-2
6-25	Slide No. 46L 220 A D 411	Sparrow	R.F. Smith	6-383-2
6-25	Slide No. 46L 220 A E 412	Sparrow	R.F. Smith	6-384-2
6-30	Line drawing	U. Sailor	A. Lasky	6-375-2
6-30	Neutron counting device	<i>Reed</i>	<i>"</i>	6-376-2

Date	Caption	Dept.	Photographer	Number
6-30	Slide # A886-F (B) 417	Sparrow	R. F. Smith	6-385-2
6-30	Slide Trad control (A) 418	Sparrow	R. F. Smith	6-386-2
6-30	Trad control (B) 479	Sparrow	R. F. Smith	6-387-2
6-30	Slide # A 842-F 414	Sparrow	R. F. Smith	6-388-2
6-30	Slide A 886-F (A) 416	Sparrow	R. F. Smith	6-389-2
6-30	Slide # A 4262 -Q 415	Sparrow	R. F. Smith	6-390-2
6/30/52	Slide 46L 231(B) 403	Sparrow	Smith	6-392-2
6/25/52	" 46L 220(D) 404	"	"	6-392-2
				6-391-2
				6-392-2

July

Date	Caption	Dept.	Photographer	Number
5-25-52	Radiated clay lilies	Christensen Biology	Walton	7-1-2
6-25-52	Upright Uranium furnaces	Klamut Reactor	Walton	7-2-2
6-25	Holding a section of Uranium after heated in furnace	Klamut Reactor	Walton	7-3-2
6-25	Cooling spray for Uranium furnace	"	Walton	7-4-2
6-25	Heat treating furnace for Uranium	"	Walton	7-5-2
6-25	Scene on Oscilloscope Control room	J. Burt Adm.	Walton	7-6-2
6-25	Watching Oscilloscope	"	Walton	7-7-2
7-3	Photomicrographs of cancer tissue	Godwin Path	Smith	7-8-2 thru 7-20-2
7-3	Pill Extractor	R. Hues Reactor	Smith	7-21-2
7-3	Pill Extractor	"	Smith	7-22-2
7-3	Pill Extractor	"	Smith	7-23-2
7-3	Pill Extractor	"	Smith	7-24-2
7-2	Portable Corn field	Singleton Biol	Walton	7-25-2
7-2	Portable Corn field	Singleton Biol.	Walton	7-26-2
6-27	Barley growing in radiation field	D. Konzak Biol	Walton	7-27-2 thru 7-32-2
6-27	Radiated barley seedlings	Konzak Biol.	Walton	7-32-2 thru 7-40-2
7-2	Nails that have been immersed in well water for a one hour period	de Laguna Geology	Walton	7-41-2
5-20-52	This is the first cloud chamber picture obtained with the Cosmotron in operation We used a diffusion cloud chamber filled to 275 pounds/in ² of hydrogen. It was located 195 feet on the tangent from 1/8" brass target. 1.2-Bev protons struck the target and/or the inner wall of the vacuum chamber. Particles reaching our chamber from the Cosmotron traversed the outer wall of the vacuum tank. a	Physics Fowler	Fowler	7-42-2

Date	Caption	Dept.	Photographer	Number
7-8-52	Composites	Sparrow Biol.	Paul Forman	7-43-2 thru 7-47-2
7-2	Flasks containing water samples and nails - amount of corrosion on nails well determine proximity of water samples wells to contaminator	de Laguna Geology	Walton	7-48-2
6-27	Cloud Formation facing East	Singer Met.	R. Walton	7-49-2
6-27	Cloud Formation facing East	"	Walton	7-50-2
7-8	Corn Endosperm grown in culture	Piezer Biol	Smith	7-51-2 thru 7-56-2
7-8	^{top} View View of cancerous brain (Mr. Bickford)	Pathology Godwin	Smith	7-57-2
7-8	Bottom View of cancerous brain (Mr. Bickford)	"	Smith	7-58-2
7-8	Sections of cancerous brain (Mr. Bickford)	"	Smith	7-59-2
7-8	Sections of cancerous brain (Mr. Bickford)	"	Smith	7-60-2
7-8	Sections of cancerous brain (Mr. Bickford)	"	Smith	7-61-2
7-8	Sections of cancerous brain	"	Smith	7-62-2
7-8	Copy negs. for slides	Van Slyke Med.	Forman	7-63-2 thru 7-65-2
7-8	Equations for Slides	Bluhm Phys.	Forman	7-66-2 thru 7-72-2
7-8	Exposure Chamber	B. King Med. Biol	Forman	7-73-2
7-8	Graph	B. King Med.	Forman	7-74-2
8	Pulses	Bull Einstein Elec.	Bull	7-75-2
7-8	Pulses	"	Bull	7-76-2

Date	Caption	Dept.	Photographer	Number
7-9-52	Macrophoto of cat brain	Dr. Saunders Biol.	Smith	7-77-2
7-9	Photomicrograph of brain section	"	Smith	7-78-2
7-9	Photomicrograph of brain section	"	Smith	7-79-2
7-9	Dr. W. deLaguna at detection rod	de Laguna Geology	Smith	7-80-2
7-9	Detector truck at well behind pile site	"A	Smith	7-81-2
7-9	Pulses	Gern Goldstein Elec.	Forman	7-82-2
7-9	Wedge Negative	Gern Goldstein Elec.	Bull	7-83-2
7-10	Graph - line drawing	Gamble Med.	Forman	7-84-2
7-10	Line drawing from American Journal of Botany	Sparrow Biol.	Forman	7-85-2
7-10	Graphs	Hughes Phys.		7-86-2 to
7-10	Direction correlation app.	Kraushaar Phys.	Forman	7-88-2 7-89-2
7-10	Direction polarization correlation app.	"	Forman	7-90-2
7-11	Composite chart for Dr. Sparrow	Sparrow Biol.	Lasky	7-91-2
7-14	Aerial Camera	Foster Elec.	Walton	7-92-2
7-14	Aerial Camera	Foster Elec.	Walton	7-93-2
7-15	Cosmotron	Burt Adm.	Walton & Garfield	7-94-2
7-15	Cosmotron	"	"	7-95-2
7-15	Photomicrographs of pathological tissue	Saunders Biol.	Smith	7-96-2 thru 7-110-2
7-11	Summer student	J. Burt Adm.	Walton	7-111-2

Date	Caption	Dept.	Photographer	Number
7-11	Summer Student	J. Burt Adm.	Walton	7-112-2
7-11	Summer student	"	Walton	7-113-2
7-16	Conf Mutataions Biology	Matthews Biol	Walton	7-114-2 thru 7-123-2
7-16	Oscilloscope photo	Wiberley Phys	Forman	7-124-2
7-17	Oscilo Photo Krypton Isotopes	Wiberley Phys	Forman	7-125-2
7-17	Photomicrographs fungus spores	Sussman Biol	Smith	7-126-2 thru 7-141-2
7-18	Jeep wagon with computing and recording equipment side & rear view	De Leguna Geology	Walton	7-142-2 7-143-2
7-18	File window at night	J. Burt Adm.	Walton	7-144-2
7-18	Pill puller 7-146-2 declassified 11/15/56	R. Hues Phys.	Walton	7-145-2 thru 7-149-2
7-18	Neutron target hole	Church Phys.	Bull	7-150-2
7-18	Composite negs. from 35 mm poclachrome	Merkel Hot Lab	Maile	7-151-2 thru 7-152-2
7-18	Neutral density filter	Bernstein Electronics	Forman	7-153-2
7-18	Reciprocity failure graph	"	Forman	7-154-2
7-18	Pulse Height Curve	"	Forman	7-155-2
7-18	Block diagram	"	Forman	7-156-2
7-18	Schematic Wiring Diagram	"	Forman	7-157-2
7-18	Schematic Wiring Diagram	"	Forman	7-158-2

Date	Caption	Dept.	Photographer	Number
7-18-52	Horse Anatomy	Saunders Biol	Forman	7-159-2 thru 7-160-2
7-22	Press visit BEV day 1 + 1	Collins Acc.	Garfield	7-161-2 thru 7-163-2
7-22	U-238 slug after being rendered from furnace (log no. was P-11-29)	Minardi Maint	Walton	7-164-2
7-22	Biology building progress	Lancaster AEC	Walton	7-165-2 thru 7-166-2
7-23	Manipulator and tongs and accessories	Strickland Hot Lab	Walton	7-167-2
7-24	diagram	Mahelich Phys.	Forman	7-168-2
7-24	diagrams for slides	Sussman Biol.	Herbert	7-169-2 thru 7-182-2
7-24	neg. of diagrams for slides	Godwin Eng. Med.	Herbert	7-183- thru 7-185-
7-24	Pulse	Bernstein Elec.	Forman	7-186-
7-24	Tobacco plants in gamma field	Christensen Biol	Walton	7-187- thru 7-196-
7-24	Instruments on "Ace"	Mazzarella Meteor.	Walton	7-197-2 thru 7-198-2
7-24	Filtering trays for active solutions	L.P. Hatch Eng.	Maile	7-199-2
7-28-52	rods	Gurinsky Reac.	Forman	7-200-2
7-28	rods	"	Forman	7-201-2

Date	Caption	Dept.	Photographer	Number
7-28-52	diagrams waste disposal using clay	L.P. Hatch Reac.	Forman	7-202-2 thru 7-204-2
7-28	Magnet	Goudsmit Phys.	Garfield	7-205-2
7-28	Screen graph	Bernstein Elec.	Forman	7-206-2
7-28	pulse -35 mm	"	Forman	7-207-2
7-28	copy negs for slides (graphs)	Steinburger Phys.	Forman	7-208-2 thru 7-211-2
7-29	Copy neg. of graph	Mihelich Phys.	Forman	7-212-2
7-29	Cosmotrons and console	Collins Acc.	Walton	7-213-2
7-29	Cosmotron vault	Collins Acc.	Walton	7-214-2
7-29	Photomicrographs of Path. tissue	Saunders Biol	Smith	7-215-2 thru 7-229-2
7-29	Salivary glands of Drosophila 1700X	Rudin & King Biol.	Smith	7-230-2
7-29	Macro of commutation	Dollinger Dol	Smith	7-231-2
7-29	graphs	Kostuk Chem.	Forman	7-232-2 thru 7-233-2
7-30	Scope trace	Bothner-By Chem.	Bothner-By	7-234-2 thru 7-237-2
7-30-52	Amino Acid graph	Sinex Med.	Bull	7-238-2
7-31	Steam line to Biology Bldg.	Walsh	Walton	7-239-2 thru 7-242-2
7-31	Chem glassware-	Bothner-BY Chem.	Walton	7-243-2 7-244-2 thru 7-245-2

Date	Caption	Dept.	Photographer	Number
7-31-52	Section of control field	Christensen Biol.	Walton	7-246-2
7-31	Section of Gamma field	"	Walton	7-247-2
7-31	Section of Gamma field	"	Walton	7-248-2
7-31	Tobacco plants in control field	"	Walton	7-249-2
7-31	Copy negs. from Physical Review	Hughes Phys.	Forman	7-250-2 thru 7-256-2
7-31	Balanced Ionization diagram	Goldhaber Phys.	Forman	7-257-2
7-31	Copy neg. of typed tables	King Biol	Forman	7-258-2 thru 7-259-2
7-31	remote control manipulating apparatus	Strickland Hot Lab.	Forman	7-260-2 thru 7-261-2
7-31	Graph	King Biol.	Forman	7-262-2

August

Date	Caption	Dept.	Photographer	Number
6-1-52	Line drawing of sketched wedge	Bernstein Electronics	M. Bull	8-1-2
8-4	Cloud tracks for post cards	J. Burt Administra.	M. Bull	8-2-2
8-4	comparative dist. patterns of sci. know.	K. Hartzell Admin.	Forman	8-3-2
8-4	diagram of diosophilia photo paste up	B. King Biology	P. Forman	8-4-2 thru 8-5-2
8-4	Typical assembly of fuel blocks	reactor handbook NVC ENG	M. Bull	8-6-2
8-4	Cross section of Brazed joint	"	M. Bull	8-7-2
8-48	Meteorology tower, and 2 trails	Meteo.	Mazzarella	8-8-2 thru 8-14-2
7-1	View of Cosmotron Vault	?	R. Walton	8-15-2
7-30	Chinese hamsters	Yerganian Biology	R. Walton	8-16-2 thru 8-18-2
8-6	Copy negatives - graphs	Radis Chem.	Bennett	8-19-2 thru 8-22-2
7-30	Construction progress	Richards File for	Walton	8-23-2 thru 8-24-2
7-30	closeup of gear arrangement*for electrical manupulator	Al Rand File Hot Lab	R. Walton	8-25-2
7-30	Electrical manupulator	"	R. Walton	8-26-2
7-21	General view of cosmotron and console	G. Collins Acc. (50)	R. Walton	8-27-2
7-6	Copies of site plan	Mac Cormack	M. Herbert	8-28-2 thru 8-30-2
8-6	copy negatives of charts	Sussman Biology	P. Forman	8-31-2 thru 8-34-2

Date	Caption	Dept.	Photographer	Number
8-6-52	Copy negatives of graph	R. King Biology	P. Forman	8-35-2
8-6-52	Copy negatives of charts	Sussman Biology	P. Forman	8-36-2 thru 8-39-2
8-6	drawing	Singleton Biology	P. Forman	8-40-2
8-6-52	chart	Singleton Biology	P. Forman	8-41-2
8-6	Copy negatives of charts & graphs	Yuan Acc.	P. Forman	8-42-2 thru 8-43-2
8-6	graph - copy negative	Alburger Physics	P. Forman	8-44-2
7-5	Pathology tissue	Saunders Medical Biol	R. Smith	8-45-2 thru 8-60-2
7-4	Brain sections showing cancerous tumor	Godwin Medical	R. Smith	8-61-2 thru 8-62-2
7-6	Pouring radioactive ammonium chloride into solution before injecting into patient	Godwin Medical	Walton & Smith	8-63-2
7-6	Placing hot material in station wagon	"	Walton & Smith	8-64-2
7-6	Dr. Ch. Foster pouring radioactive NH_4Cl into saline solution after its arrival from pile	"	Walton & Smith	8-65-2
7-6	Uncapping radioactive ammonium chloride	"	Walton & Smith	8-66-2
7-6	Radioactive sol. flowing into body cavity of cancer patient	"	Walton & Smith	8-67-2 thru 8-68-2
7-6	Placing container of Am. Cl. in cartridge for 2 hr. exp. in pile	"	R. Smith	8-69-2
7-6	Pouring Am. Cl. in container before placing in pile	"	R. Smith	8-70-2

Date	Caption	Dept.	Photographer	Number
8-2 7-6	Dr. Foster racing up steps of hospital with lead container of radioactive Am. C1 for Cancer pateint	Chemical Medical Godwin	R. Smith	8-71-2
8-3 7-6	Placing material in pneumatic tube for treatment in pile	"	R. Smith	8-72-2
8-3 7-6	Removing Am C1 from pile	"	Smith & Walton	8-73-2
8-6	graphs	Whittemore Physics	P. Bennett	8-74-2 thru 8-78-2
8-3 7-5	Pig pen in T-197	Manowitz Reactor	R. Smith	8-79-2
8-3 7-5	refrigerated pig in T-197	Manowitz Reactor	R. Smith	8-80-2
8-3 7-4	PM of mutant chromosome in corn	Dollinger Biology	R. Smith	8-81-2
8-3 7-4	Nerve tissue Slide # 7	Goldring Hot Lab Bio.	R. Smith	8-82-2
8-3 7-4	Nerve tissue Slide # 6	"	R. Smith	8-83-2
	#5	"	"	8-84-2
	#4	"	"	8-85-2
	#3	"	"	8-86-2
	#2	"	"	8-87-2
	#1	"	"	8-88-2
8-6	Oscilloscope tracings	Kikuchi Biology	P. Bennett	8-89-2 thru 8-90-2
8-7	Gray wedge	Bernstein Electronics	P. Bennett	8-91-2
8-7	chart - copy negative	Yuan Acc.	P. Forman	8-92-2
8-8	tables	Koshland Bio	P. Bennett	8-93-2 thru 8-94-2
	table	Van Slyke Medical	A. Lasky	8-95-2 thru 8-96-2
8-12	pulses	Wiberley Physics	A. Lasky	8-97-2

Date	Caption	Dept.	Photographer	Number
8-12-52 13	line drawing	Goldberg Physics	M. Herbert	8-100-2
8-21	Insulation on pillpuller	R. Heus Phys.	J. Garfield	8-101-2
8-13	Illustrations	Koshland	A. Lasky	8-102-2 thru 8-105-2
8-13	graph and charts	Goldhaber Physics	A. Lasky	8-106-2 thru 8-108-2
8-26	cobolt source and shield	Kuhl Acc.	R. Walton	8-109-2 thru 8-111-2
8-28	E. F. assembly - Martin Plotkin testing	J. Burt. Adm.	R. Walton	8-112-2
8-28	hydrolizer - dissolver	Bloore Acc.	R. Walton	8-113-2 thru 8-114-2
8-27	Forms and rocks in place before pouring foundation for the new waste disposal plant	Richards Reactor	R. Walton	8-115-2
8-28	Plants in gamma field	Grable Biology	R. Walton	8-116-2 thru 8-127-2
8-14	diagram and chart	Hughes Phys	A. Lasky	8-128-2 thru 8-129-2
8-14	graph	Whittemore Phys.	A. Lasky	8-130-2
8-12	Biology building construction	Lancaster AEC	R. Walton	8-131-2 thru 8-132-2
8-11	Insulation on pill puller	R. Hues Reactor	J. Garfield	8-133-2
8-17	Macro photo of Poplar leaf bud	Shapiro	R. Smith	8-134-2 thru 8-135-2

Date	Caption	Dept.	Photographer	Number
8-15-2	graph	Goldhaber Physics	A. Lasky	8-150-2
8-15	charts, tables, diagrams, pulse	Bainbridge Physics	Lasky & Forman	8-151-2 thru 8-157-2
8-15	diagram	Koshland Biology	P. Forman	8-158-2 thru 8-160-2
8-15	diagram	Van Slyke Medical	A. Lasky	8-161-2
8-15	Table	R. King Biology	A. Lasky	8-162-2
8-15	diagrams	Koshland Biology	P. Forman	8-163-2 thru 8-164-2
8-15	Two men working on new cosmotron console	E. Green Accel.	J. Garfield	8-165-2
8-15	Cosmotron design group	J. Burt Adminis	J. Garfield	8-166-2 thru 8-168-2
8-15	Foreign visitors	J. Burt Adminis.	J. Garfield	8-169-2
8-15	pulses and graph	Sirvetz PNYS.	P. Forman	8-170-2 thru 8-171-2
8-15	diagrams and graphs	Livingston Accel.	Forman & Lasky	8-172-2 thru 8-180-2
8-15	diagram (graphic)	Goldhaber Physics	Forman & Lasky	8-181-2 thru 8-183-2
8-15	Cross-section run showing shield, pump and magnet	Moore Accel.	R. Walton	8-184-2
8-15	Injector for cosmotron	Moore		

Date	Caption	Dept.	Photographer	Number
8-15-52	Looking into graphite shielding block	Moore Accel	R. Walton	8-186-2
8-15-52	R. F. Stage	Moore Accel.	R. Walton	8-187-2
8-15	Console	Moore Accel	R. Walton	8-188-2
8-15	Console	Moore Accel	R. Walton	8-189-2
8-15	Control section	R. Kassner Accel.	R. Walton	8-190-2
8-15	Master timer for the Cosmotron	Moore Accel	R. Walton	8-191-2
8-8	Injector for Cosmotron	Mede Fiscal	R. Walton	8-192-2
8-8	Injector for Cosmotron	Mede Fiscal	R. Walton	8-193-2
8-8	Injector for Cosmotron	Mede Fiscal	R. Walton	8-194-2
8-8	Injector for Cosmotron	Mede Fiscal	R. Walton	8-195-2
8-8	Injector for Cosmotron	Mede Fiscal	R. Walton	8-196-2
8-18	line drawing - chart	Mehlich Health Phys	P. Forman	8-197-2
8-18	Conversion Elec. Spectrum	Mehlich Health Phys	P. Forman	8-198-2
8-18	line drawing	Hughes Physics	P. Forman	8-199-2
8-18	line drawing - other hemoglobins	Sinex Medical	P. Forman	8-200-2
8-18	Autotropic transformations in the presence of Oxygen	Sinex Medical	P. Forman	8-201-2
8-18	Cyanide Inhalation of rat tissue	Sinex Medical	P. Forman	8-202-2
8-18	Autotropic Transformations in the presence of Oxygen	Sinex Medical	P. Forman	8-203-2

Date	Caption	Dept.	Photographer	Number
8-18-52	Aerobic and Anaerobic Metabolism of Rat Tissue	Sinex Medical	P. Forman	8-204-2
8-18	Glycolysis	Sinex Medical	P. Forman	8-205-2
8-18	A Comparison of hemoglobin and Bacterio-chlorophyll Paraphyrins	Sinex Medical	P. Forman	8-206-2
8-14	diagram	Hughes Physics	A. Lasky	8-207-2
8-19	12 day old spinal ganglion 3 hrs.	Goldring Physics Bio	P. Forman	8-208-2
8-19	12 day old spinal Ganglion 49 hrs.	Goldring Physics Biol	P. Forman	8-209-2
8-19	12 day old spinal Ganglion 48hrs.	Goldring Physics Biol	P. Forman	8-210-2
8-11	Tank used in radiation experiments in the Pile	Koutz Pile	Walton	8-211-2
8-19	Macro photo of Poplar buds	Shapiro Biology	R. Smith	8-212-2
8-19	Macro photo of Poplar buds	Shapiro Biology	R. Smith	8-213-2
8-19	Macro photo of Poplar buds	Shapiro Biology	R. Smith	8-214-2
8-19	Macro photo of Poplar buds	Shapiro Biology	R. Smith	8-215-2
8-19	Macro photo of Poplar buds	Shapiro Biology	R. Smith	8-216-2
8-19	Macro photo of Poplar buds	Shapiro Biology	R. Smith	8-217-2
8-19	Macro photo of Poplar buds	Shapiro Biology	R. Smith	8-218-2
8-19	Macro photo of Poplar buds	Shapiro Biology	R. Smith	8-219-2
8-19	Ginko Biloba seedling	Christensen Biology	R. Smith	8-220-2
8-19	Ginko Biloba seedling	Christensen	R. Smith	8-221-2

Date	Caption	Dept.	Photographer	Number
8-19-52	Ginko Biloba seedling	Christensen Biology	R. Smith	8-222-2
8-19	Ginko Biloba seedling	Christensen Biology	R. Smith	8-223-2
8-19	Uranium Test Rod	Turvolin metallurgy	R. Smith	8-224-2
8-19	Photomicrograph of Chromosomes in yeast cells	Rudin Biol.	R. Smith	8-225-2
8-18	Table	Koshland Biology	P. Bennett	8-226-2
8-19-30	Radiation Field	Christensen Biology	J. Garfield	8-227-2
8-18	Close up of magnet poles	D. Baries Reactor	R. Walton	8-228-2
8-18	Reactor - Loop	D. Baries Reactor	R. Walton	8-229-2
8-18	Magnet for loop	D. Baries	R. Walton	8-230-2
8-18	Reactor - Loop	D. Baries Reactor	R. Walton	8-231-2
8-20	Sifter used in setting chamber in magnet gap	D. Kassner Accele.	R. Walton	8-232-2
8-18	Handling and painting of Cosmotron shield blocks	J. Mede Accele.	J. Garfield	8-233-2 thru 8-239-2
8-19	Pill Puller #2	R. Hues	R. Walton	8-240-2
8-18	Corn tassels	Dollinger Biology	R. Walton	8-241-2 thru 8-243-2
8-18	Close up of flower and terminal plant in the Gamma field	Gunkel Biology	R. Walton	8-244-2 thru 8-246-2
8-18	Control flower in field	Gunkel Biology	R. Walton	8-247-2
8-18	Close up of flower and terminal plant in gamma field	Gunkel		

Date	Caption	Dept.	Photographer	Number
8- 18 -52	Plants in radiation field control	Gunkel Biology	R. Walton	8-249-2
8- 20 20	Trad bud	Gunkel Biology	R. Walton	8-250-2 thru 8-252-2
8-2D	1952 Gamma radiation field	Sparrow Biology	A. Lasky	8-253-2
8-2D	Metabolism of Phosphorylated sugars	Gibbs Biology	A. Lasky	8-254-2
8-2D	Formation of Pentose from Glucose-6- Phosphate	Gibbs Biology	A. Lasky	8-255-2
8-2D	Oxidation of Glucose -6- Phosphate	Gibbs Biology	A. Lasky	8-256-2
8-2D	Metabolism of Fructose 1, 6 Diphosphate	Gibbs Biology	A. Lasky	8-257-2
8-2D	line drawing	Gibbs Biology	A. Lasky	8-258-2
8-2D	S. Coelicolor oxidation of Ribose-5- Phosphate	Gibbs Biology	A. Lasky	8-259-2
8-2D	S. Coelicolor: Glycolysis	Gibbs Biology	A. Lasky	8-260-2
8- 21 21	Table 2 Comparisons of litter size & # in the Lab and field	Yerganian Biology	A. Lasky	8-261-2
8- 21 21	Table 1 Age body weight table for Chinese hamsters	Yerganian Biology	A. Lasky	8-262-2
8- 20 20	Line drawing	Nims Biology	A. Lasky	8-263-2 thru 8-266-2
8- 21 21	line drawing	E. Haffner Physics	A. Lasky	8-267-2 thru 8-280-2
8-22 20	Portrait - Bernie Manowitz	Manowitz Reactor	A.P. Christoffersen	8-281-2 thru 8-283-2

Date	Caption	Dept.	Photographer	Number
8- 27 ²¹ -52	Composite spectrographs of	Wiberley Physics	A. Lasky	8-284-2
8- 27 ²¹	Mass Spectrum of Dicyclopropyl	Wiberley Physics	A. Lasky	8-285-2
8- 27 ²¹	Composite of spectrographs	Wiberley Physics	A. Lasky	8-286-2
8-25	line drawing	Hughes Physics	D. Fuka	8-287-2 thru 8-293-2
8- 27 ²²	line drawing	Feenberg Physics	P. Forman	8-294-2
8- 27 ²²	Even A	Feenberg Physics	P. Forman	8-295-2
8- 27 ²²	Odd A $\Delta 1 = \pm 1$ (No)	Feenberg Physics	P. Forman	8-296-2
8- 27 ²²	Odd A	Feenberg Physics	P. Forman	8-297-2
8- 27 ²²	Even A	Feenberg Physics	P. Forman	8-298-2
8- 27 ²²	Odd A	Feenberg Physics	P. Forman	8-299-2
8- 27 ²²	$\Delta 1 = 2$ (yes)	Feenberg Physics	P. Forman	8-300-2
8- 27 ²²	Line drawing	Hughes Physics	P. Forman	8-301-2 8- 303 ³⁰² -2
8- 27 ²²	line drawings	der Mateosian Biology	A. Lasky	8-30 4 ³ -2 thru 8-310-2
8- 27 ²⁵	Aerial view of Gamma field	Christensen Biology	R. Walton	8-311-2
8- 27 ²⁵	Biology Complex - Aerial	Biology	R. Walton	8-312-2
8- 27 ²⁵	Gamma field Aerial	Biology	R. Walton	8-313-2 thru 8-319-2
8- 27 ²⁵	Biology Complex Aerial	Biology	R. Walton	8-320-2

Date	Caption	Dept.	Photographer	Number
8- 22 ²² -52	line drawings	Haffner Physics	P. Forman	8-321-2 thru 8-325-2
8- 22 ²²	Figure 1 Equilibration apparatus	Biegleisen Chemistry	P. Forman	8-326-2
8- 22 ²²	line drawing	Biegleisen Chemistry	P. Forman	8-327-2
8- 25 ²⁵	line drawings	Hastings Physics	P. Forman	8-328-2 thru 8-335-2
8- 25 ²⁵	line drawings	Hughes Physics	P. Forman	8-336-2 thru 8-337-2
8- 25 ²⁵	line drawings	B. Pieczur Biology	P. Forman	8-338-2 thru 8-343-2
8- 27 ²⁷	Table 1 Growth values	B. Pieczur Biology	P. Forman	8-344-2
8- 25 ²⁵	Table 2 " "	B. Pieczur Biology	P. Forman	8-345-2
8- 25 ²⁵	Table 3 Growth Values	B. Pieczur Biology	P. Forman	8-346-2
8- 25 ²⁵	Table 4 Growth Values	B. Pieczur Biology	P. Forman	8-347-2
8- 25 ²⁵	Table 5 Growth Values	B. Pieczur Biology	P. Forman	8-348-2
8- 25 ²⁵	Table 6 Growth Values	B. Pieczur Biology	P. Forman	8-349-2
8- 25 ²⁵	Distribution of total phosphorus	B. King Biology	P. Forman	8-350-2
8- 25 ²⁵	1952 Gamma Radiation field	Christensen Biology	P. Forman	8-351-2
8- 20 ²⁰	line drawings (Physics)	Steinberger Physics	P. Forman	8-352-2 thru 8-357-2

Date	Caption	Dept.	Photographer	Number
8-20-52	Neutron Transmission in Cold Worked and annealed brass	D. Weiss Physics	D. Fuka	8-358-2
8-20	Neutron Diffraction pattern of cold worked and annealed brass.	D. Weiss Physics	D. Fuka	8-359-2
8-26	Comparison of tobacco leaves	Singleton Biology	R. Walton	8-360-2
8-20	Rupture in pump for Loop "A"	D. Baries Reactor	R. Walton	8-361-2
8-20	Exploded view of Loop "A"	D. Baries Reactor	R. Walton	8-362-2
8-20	Loop "A"	D. Baries Reactor	R. Walton	8-363-2
8-22	Exploded view of heavy duty reaction equipment	Strickland Hot Lab.	R. Walton	8-364-2
8-22	Assembled view of heavy duty reaction equipment	Strickland Hot lab	R. Walton	8-365-2
8-22	Exploded view of filter assembly	Strickland Hot Lab	R. Walton	8-366-2
8-22	Exploded view of heavy duty reaction equipment	Strickland Hot lab	R. Walton	8-367-2
8-25	Radiation test set-up for tue slips	Shapiro Biology	R. Walton	8-368-2 thru 8-371-2
8-25	line drawing	C & Hastings Physics	A. Lasky	8-372-2
8-25	Table III comparisen of calculated and observed integrated intensities for Nickel Ferrite	C & Hastings Physics	A. Lasky	8-373-2 thru 8-374-2
8-25	Table II Comparison of calculated and observed integrated intensities for Zinc ferrite	C & Hastings Physics	A. Lasky	8-375-2

Date	Caption	Dept.	Photographer	Number
8-25-52	Erythrose Formation via dihydroxynaleic Acid	Gibbs Biology	P. Forman	8-376-2
8-25	Transformation of Robpse-5-phosphate to deoxyribose -5- phosphate	Gibbs Biology	P. Forman	8-377-2
8-25	Sedoheptylose Formation	Gibbs Biology	P. Forman	8-378-2
8-12	line drawings	Koshland Bio:logy	P. Forman	8-379-2 thru 8-381-2
8-12	Exchange of Oxygen between inorganic phosphate and water	Koshland Biology	P. Forman	8-382-2
8-12	Enzymatic Substitution reactions proceeding with inversion	Koshland Biology	P. Forman	8-383-2
8-12	Phosphatase catalyzed hydrolysis of Phosphate esters	Koshland Biology	P. Forman	8-384-2
8-12	O^{18} Content of Unhydrolyzed Ester	Koshland Biology	P. Forman	8-385-2
8-14	Growth curve of Trade scantia Anthers	Taylor Biology	P. Forman	8-386-2
8-14	Fresh Weight Per Bud (MGS)	Taylor Biology	P. Forman	8-387-2
8-14	Accumulation of P^{32} in buds after 30 hr	Taylor Biology	P. Forman	8-388-2
8-14	Total uptake of P^{32} in anthers of trade-scantia	Taylor Biology	P. Forman	8-389-2
8-22	Double tennis champs	D. Vogt BERA	R. Walton	8-390-2
8-26	Fume hood in W-9 Pile building	Ruddy AP&PM	R. Walton	8-391-2
8-27	Equipment used in measuring surface tension in liquids	B. Teitel Metallurgy	R. Walton	8-392-2 thru 8-393-2

Date	Caption	Dept.	Photographer	Number
8-27-52	line drawings	Hughes Physics	P. Forman	8-394-2 thru 8-397-2
8-27-52	line drawings	Hughes Physics	P. Bennett	8-398-2 thru 8-399-2
8-26	line drawings	Hughes Physics	P. Forman	8-400-2 thru 8-402-2
8-28	line drawings	Stoener Medical	A. Lasky	8-403-2 thru 8-408-2
8-28	line drawings	Konzak Biology	A. Lasky	8-409-2 thru 8-411-2
8-27	Comparison of Desoxypentose Nucleic Acid (Feutgen) Content of Liver Nuclei in Two species of Hamsters	Moses Biology	A. Lasky	8-412-2
8-27	Hamster liver nuclei	Moses Biology	A. Lasky	8-413-2
8-27	Comparison of DNA content of hamster liver	Moses Biology	A. Lasky	8-414-2
8-27	line drawing	Moses Biology	A. Lasky	8-415-2

September

SEPTEMBER 1952

Date	Caption	Dept.	Photographer	Number
9-1-52	Aerial views of smoke from Meteorology tower	M. Smith Meteo.	R. Walton	9-1-2 thru 9-13-2
9-8-28	Line drawing	Sparrow Biologist	M. Herbert	9-14-2
9-8-28	Typed table	B. King Biology	M. Herbert	9-15-2 thru 9-16-2
9-8-28	3 typed tables, 3 drawings	Johnson Chemistry	M. Herbert	9-20-2 thru 9-25-2
NO NUMBER 9-23-2 WAS CORRECTED AND THIS NO. BECAME VOID				
9-8-28	3 line drawings	King Biology	M. Herbert	9-17-2 thru 9-19-2
9-8-28	Typed tables, line drawings 31	Gibbs Biology	M. Herbert	9-26-2 thru 9-56-2
NO NUMBER 9-57-2				
9-8-28	Foundation of waste disposal plant	Richards Hot Lab.	J. F. Garfield	9-58-2
9-8-14	Health Physics summer fellows	F. Olsen Health Phys	J. F. Garfield	9-59-2 thru 9-60-2
9-8-20	Tennis finalists	D. Vogt BERA	J. F. Garfield	9-61-2 thru 9-62-2
9-8-22	Handling Cosmotron shielding blocks	G. B. Collins Accel.	J. F. Garfield	9-63-2 thru 9-64-2
9-8-27	Cotton plants radiation field	Gunkel Biology	R. Walton	9-65-2 thru 9-87-2
9-3	Copy negative for Aerial	?	M. Bull	9-88-2

Date	Caption	Dept.	Photographer	Number
9-52	Press used in making or pressing out clay particles	LP Hatch Nuc. Eng	R. Walton	9-89-2
9-52	Clay filling system close-up of particles	LP Hatch Nuc. Eng.	R. Walton	9-90-2
9-52	Clay filling system	LP Hatch Nuc. Eng.	R. Walton	9-91-2
9-52	AP & PM shots exterior	AP & PM	R. Walton	9-92-2 thru 9-94-2
9-52	AP & PM shots	AP & PM	R. Walton	9-95-2 thru 9-111-2
9-52	AP & PM interior	AP & PM	R. Walton	9-112-2 thru 9-139-2
9-52	AP & PM shots	AP & PM	R. Walton	9-140-2 thru 9-147-2
9-52	Chart - Biology	Sparrow Biology	M. Bull	9-148-2
9-27	Line drawing	Downes Nuc Eng	M. Bull	9-149-2 thru 9-157-2
9-29	Tables	Martin T-197	M. Herbert	9-158-2 thru 9-165-2
9-29	Table	King Biology	M. Herbert	9-166-2
9-2	Looking down into vault showing shielding blocks, pumps, & magnet	Collins Accel	R. Walton	9-167-2 CN9-167-2
9-2	Tolerance of Solanaceae to gamma irradiation	Christensen Biology	M. Bull	9-168-2
9-2	Germination in seed beds exposed to gamma irradiation	Christensen Biology	M. Bull	9-169-2

Date	Caption	Dept.	Photographer	Number
8-22 9-2-52	Tolerance of plants to chronic gamma irradiation	Christensen Biology	M. Bull	9-170-2
9-12	Gross effects of chronic gamma irradiation on growing plants	Christensen Biology	M. Bull	9-171-2
8-29	Project site plan	Mac Cornack AP & PM	M. Bull	9-172-2 thru 9-174-2
8-29	Tables	Biegleisen Chemistry	M. Bull	9-175-2 thru 9-179-2
8-29	line drawing	Lionetti Medical	M. Bull	9-180-2 thru 9-183-2
8-29	Exteriors of site AP & PM	Mac Cornack AP & PM	R. Walton	9-184-2 thru 9-194-2
9-5	Portrait O.E. Dwyer	O.E. Dwyer Nuc Eng.	J. F. Garfield	9-195-2 thru 9-196-2
9-15	pill puller - J. Constant	E. Foster Medical	J. F. Garfield	9-197-2 thru 9-198-2
8-28	General view of "Hot cell" with rack in place	Strickland Hot Lab	R. Walton	9-199-2
8-28	Preparing to transfer tobacco roots from one flask to another for growth test	Anderson Chemistry	R. Walton	9-200-2
8-25	Close up showing roots growing in a sterile solution	Anderson Chemistry	R. Walton	9-201-2
8-25	Preparing to transfer sections of tobacco roots from one flask to another for growth test.	Anderson Chemistry	R. Walton	9-202-2

Date	Caption	Dept.	Photographer	Number
9-9-52	PM of Path. tissue slide #1	Dr. Dahl Medical	R. F. Smith	9-203-2
9-9	PM of Path. tissue slide #2	Dr. Dahl Medical	R. F. Smith	9-204-2
9-9	PM of Path. tissue slide #3	Dr. Dahl Medical	R. F. Smith	9-205-2
9-9	PM of Path. tissue	Dr. Dahl Medical	R. F. Smith	9-206-2 thru 9-207-2
9-15	Table-Inhibitor criterion Applied to Reaction in which carbonyl Group is Attracted to an Electron Donor like on the Enzyme	Koshland Biology	M. Bull	9-208-2
9-15	Table	Koshland Biology	M. Bull	9-209-2
9-9	copy of Geologic map	R. Davis Chemistry	M. Bull	9-210-2
9-19	AP & PM decrepitude	MacCormack AP & PM	R. Walton	9-211-2 thru 9-216-2
9-19	AP & PM decrepitude	Mac Cormack AP & PM	R. Walton	9-217-2 thru 9-227-2
9-13	line drawings	Damm Physics	M. Bull	9-228-2 thru 9-231-2
9-15	Table- Reduction by OH Radicals	Johnson Chemistry	M. Bull	9-232-2
9-15	Table- Reduction of $Ce(SO_4)$ Solutions in $0.8 NH_2SO_4$	Johnson Chemistry	M. Bull	9-233-2
NUMBER 9-234-2 HAS BEEN RENUMBERED.				
9-11	Line Typed Tables 1-5	Dr. Lionetti Medical	M. Bull	9-235-2 thru 9-239-2

Date	Caption	Dept.	Photographer	Number
9-11-52	Gustiness classifications	Singer Meteor.	M. Herbert	9-240-2
9-11	% frequency distribution of Wind speed and lapse rate	Singer Meteor.	M. Herbert	9-241-2
9-11	Monthly % of frequency of gustiness classes	Singer Meteor.	M. Herbert	9-242-2
9-11	Means and standard deviations of gustiness classes	Singer Meteor.	M. Herbert	9-243-2
9-11	% frequency of gustiness classes intervals of "Sutton"	Singer Meteor.	M. Herbert	9-244-2
9-11	% frequency of D cases by sky cover and cloud type Apr. 50- Mar. 51	"	M. Herbert	9-245-2
9-11	% frequency of D cases with T_{410} T_{37} 00 etc.	"	M. Herbert	9-246-2
9-11	% frequency of gustiness classes by hours	"	M. Herbert	9-247-2
9-11	% frequency of gustiness classes by sky cover and isolation intervals	"	M. Herbert	9-248-2
9-11	% frequency of gustiness classes by lapse rate	"	M. Herbert	9-249-2
9-11	% frequency of gustiness classes by wind speed	"	M. Herbert	9-250-2
9-12	Examples of decrepitude	Mac Cornack AP & PM	R. Walton	9-251-2 thru 9-258-2
9-12	Remote Control pipette	E. Bloore Physics	R. Walton	9-259-2
9-12	Glassware	E. Bloore Physics	R. Walton	9-260-2 thru 9-262-2
9-12 10	Line drawing	Biegleisen Chemistry	M. Bull	9-263-2
9-12 10	Figure 4	O. Kuhl	M. Herbert	9-264-2

Date	Caption	Dept.	Photographer	Number
9-10-52 10	Figure 3	O. Kuhl Reactor Reactor	M. Herbert	9-265-2
9-10-52	Figure 6	O. Kuhl Reactor	M. Herbert	9-266-2
9-10-52	PM of Fungus spores	Dr. Sussman Biology	R. Smith	9-267-2
9-15	Line drawings	Dienes Physics	M. Bull	9-268-2 thru 9-275-2
9-10-52	Yeast cells showing chromosomes 1500X Slide # 1	King Biology	R. Smith	9-276-2
9-10-52	same as above Slide # 2	King Biology	R. Smith	9-277-2
9-10-52	same as above Slide # 3	King Biology	R. Smith	9-278-2
9-10-52	same as above Slide # 3	King Biology	R. Smith	9-279-2
9-10-52	same as above Slide # 2	King Biology	R. Smith	9-280-2
9-15	line drawing - Generic relations between the Sm, Eu, and Gd isotopes	E. Church Physics	M. Bull	9-281-2
9-16	Radio frequency Accelerator in straight section Figure 2	Livingston Accele.	M. Bull	9-282-2
9-16	same as above Figure 1	"	M. Bull	9-283-2
9-10-52	Completion pictures of south gate bridge	E. Hunter Maint.	R. Walton	9-284-2 thru 9-289-2
9-10-52	Loading head for the cobalt source	Sanders Health P	R. Walton	9-290-2
9-10-52	Close up of loading tool for the cobalt source	Sanders HE Physics	R. Walton	9-291-2
9-10-52	Handling tools for cobalt source	"	R. Walton	9-292-2

Date	Caption	Dept.	Photographer	Number
9-11-52	Shack Fire	C. Schmeltz Fire Dept	R. Walton	9-294-2 thru 9-296-2
9-17	Biology Construction	Lancaster AEC	R. Walton	9-297-2 thru 9-304-2
9-16	Cosmotron - <i>Blewett, Carant Livingston, Snyder.</i>	J. Burt Adm.	R. Walton	9-305-2
9-17	Line drawing	Dienes Physics	M. Bull	9-306-2
9-17	Line drawing	Bothnerby Chemistry	M. Bull	9-307-2 thru 9-309-2
9-17	Figure 2	B. King Biology	M. Bull	9-310-2
9-17	Figure 1 Stage of development of the germ cells reached in each type of fall, and partial, hybrid	King Biology	M. Bull	9-311-2
9-17	Phosphorus loss by totally labeled <i>x</i> <i>Drosophila melanogaster</i>	King Biology	M. Bull	9-312-2
9-19-52	Comparison between new and used filters	D. Mazzarella Meteor.	R. Walton	9-313-2
9-19	Looking up tower Meteor.	"	R. Walton	9-314-2
9-16	Checking temperature gauges close up of gauge	"	R. Walton	9-315-2
9-16	Checking temperature gauges <i>Instrument Calibration on Tower.</i>	"	R. Walton	9-316-2
9-16	Meteor. section of recording panel	"	R. Walton	9-317-2
9-18	Fume hood in Biology Building	Ruddy AP & PM	R. Walton	9-318-2 thru 9-319-2
9-19	Figure 7	Gross Metal.	M. Bull	9-320-2
9-19	Portrait Dr. Livingston	J. Burt	AP Christoffersen	9-321-2

Date	Caption	Dept.	Photographer	Number
9-19-52	Portrait Dr. Snyder	J. Burt	AP Christoffersen	9-322-2
9-19	Portrait Dr. Blewett	J. Burt	"	9-323-2
9-19	Portrait Dr. Courant	J. Burt	"	9-324-2
9-21 ⁷	General view of Biology Bldg. <i>7-22-52 Sec. 10-9-52</i>	Curtis Biology	R. Walton	9-325-2 thru 9-326-2
9-21 ¹²	Construction progress Hot Lab.	P. Richards Hot Lab	R. Walton	9-327-2
9-24	Line drawings	Elliot Chemistry	M. Bull	9-328-2 thru 9-335-2
9-25 ⁴	Typed Tables	Konzak Biology	M. Bull	9-336-2 thru 9-340-2
9-23	Radioactive isotopes for irradiation of plural and peritoneal metastases. 241	Godwin Medical	M. Bull	9-341-2
9-23	Radioactive isotopes frequently utilized in therapy	Godwin Medical	M. Bull	9-342-2
9-24	3 Line drawings Table	Van Slyke Medical	Bull/Fuka	9-343-2 thru 9-345-2
9-25	PM's of cancer tissues & cells	Godwin Medical	R. Smith	9-346-2 thru 9-383-2
9-25 ¹⁸	Men's bowling Champs	R. Vogt BERA	R. Walton	9-384-2
9-25 ²⁵	line drawing	Salant Physics	M. Bull	9-385-2
9-25 ²⁵	line drawings Med	Godwin Medical	H. Maile	9-386-2 thru 9-387-2
9-25 ¹⁰	Tyhyroid cancer patient in hospital	Foster Medical	R. F. Smith	9-388-2

Date	Caption	Dept.	Photographer	Number
25 9-25-52	PM of nerve Tissue	I Goldring Biology	R. F. Smith	9-389-2 thru 9-390-2
25 9-25	Slugs	B. Turovlin XXXXXXXX Nuc. Eng.	J. F. Garfield	9-391-2
25 9-25	Test sample of Tempreg	F. Seidl Physics	J. F. Garfield	9-392-2
26 9-26	Pipe line Hot Lab to waste concentration plant	J. Richards	J. F. Garfield	9-393-2
26 9-26	Progress on Concentration plant	J. Richards	J. F. Garfield	9-394-2
26 9-26	All-star baseball Team	D. Vogt BERA	J. F. Garfield	9-395-2
29 9-29	Fiscals Baseball team Champs 1952	D. Vogt BERA	J. F. Garfield	9-396-2
30 9-30	Condenser	M. Plotkin Accel	R. F. Smith	9-397-2
30 9-30	Mutation of dahalia	Sparrow Biology	R. F. Smith	9-398-2
30 9-30	PM of living nerve tissue from chick chick embryo	Goldring Biology	R. F. Smith	9-399-2
30 9-30	PM of living nerve tissue from chick embryo	Goldring Biology	R. F. Smith	9-400-2 thru 9-401-2

Date	Caption	Dept.	Photographer	Number
9-14	Slide No. A-1459C (7) 420	Sparrow Biology	R.F. Smith	9-402-2
9-14	Slide No. A-1459C (1) 421	Sparrow	R.F. Smith	9-403-2
9-14	Slide No. A-1459C (6) 422	Sparrow	R.F. Smith	9-404-2
9-14	Slide No. A-1459C (2) 423	Sparrow	R.F. Smith	9-405-2
9-14	Slide No. A-1459C (4) 424	Sparrow	R.F. Smith	9-406-2
9-14	Slide No. A-1459C (3) 425	Sparrow	R.F. Smith	9-407-2
9-14	Slide No. A-603 0 (1) 426	Sparrow	R.F. Smith	9-408-2
9-14	Slide No. A-603 0 (2) 427	Sparrow	R.F. Smith	9-409-2
9-14	Slide No. A-1459C (5) 428	Sparrow	R.F. Smith	9-410-2

October

October

Date	Caption	Dept.	Photographer	Number
10- 8 ¹⁵ -52	Flow Diagram Loop "B" RESTRICTED - FOR OFFICIAL USE ONLY	D. Baries Nuc. Eng.	A. Lasky	10-1-2
10- 8 ¹ /	Diagrams	D. Baries Nuc. Eng.	A. Lasky	10-2-2
10-8 ⁸⁻²⁵	Leaf comparisons	E. Christen Biology	" R. Walton	10-3-2 10-4-2 thru 10-10-2
10-8 ⁸⁻²⁵	Glassware used in staining	Christensen Biology	R. Walton	10-11-2
10-9 ⁹⁻²⁻⁵²	Remote control manipulator	Al Rand HOT LAB	R. Walton	10-12-2 thru 10-16-2
10-9 ⁹⁻²	Chemistry - Glassware	Dr. Wolf Chemistry	R. Walton	10-17-2 thru 10-25-2
10-9 ⁹⁻¹	Electronics - chassis	Kuper Electronics	R. Walton	10-26-2 thru 10-32-2
10-9 ⁹⁻³⁰	Plants in Gamma field	Christensen Biology	R. F. Smith	10-33-2 thru 10-51-2
10-3-52	Shielded container for radioactive solutions schematic flow diagram	Strickland Hot Lab	A. Lasky	10-52-2
10-3	Star Track- Cosmotron	Goudsmit	A. Lasky	10-53-2
10-6	Nomograph for the critical equation	F. T. Miles	M. Herbert	10-54-2
10-6	Tables - Typed	Sinex Medical	M. Bull	10-55-2 thru 10-58-2
10-6	Line drawings	Sinex Medical	M. Bull	10-59-2 thru 10-60-2
10-6 ¹⁰⁻³	line drawing Diphosphopyridine Nucleotide Henkes	Henkes Medical	Henkes A. Lasky	10-61-2
10-6 ¹⁰⁻⁶	Front Panel loop "A"	Baries	R. Walton	10-62-2

Date	Caption	Dept.	Photographer	Number
10-7-52	Skull negatives showing metal inserts in the brain	R. Olevich Medical	P. Simack	10-63-2 thru 10-65-2
10- 7 2	Meter arrangement for fan motor star cups	Brunini Utilities	R. F. Smith	10-66-2
10-8	Plants from Gamma field	Christensen Biology	A. Lasky	10-67-2
10- 8 3	Loop "A"	D. Baries Nuc. Eng.	R. Walton	10-68-2 thru 10-70-2
10-8	Conductivity Cell Figure 1	S. Kostuk Chemistry	A. Lasky	10-71-2
10-8	Record	D. Mazzarella Meteor.	A. Lasky	10-72-2
10-8	line drawings % Gustiness Figures 2, 3, 4, 5, 6, 11	M.E. Smith Meteor.	A. Lasky	10-73-2 thru 10-79-2
10-8	PM's of cancer tissue	Godwin Medical	R. F. Smith	10-80-2 thru 10-84-2
10-8	Morris Slavin examining Spectroscopic plates under a binocular microscope in chemistry lab.	J. Burt Adm.	R. F. Smith	10-85-2
10-8	PM of Pathology Tissue	Saunders Biology	R. F. Smith	10-86-2 thru 10-93-2
10-8	Isotope lab in Medical Department	Robertson Medical	R. F. Smith	10-94-2
10-9	Vibration recording copied from 35 mm 10	Reagan	H. Maile	10-95-2 thru 10-104-2
10-9	6 day ganglia irradiated in vitro and then cultured	I. Goldring Biology	A. Lasky	10-105-2

Date	Caption	Dept.	Photographer	Number
10-9-52	12 day ganglia irradiated in vitro and then cultured	Goldring Biology	A. Lasky	10-106-2
10-9	12 day ganglia irradiated in ovo with 2.000r and Explanted 30 min, 1½ hrs, & 3 hrs, after r	Goldring Biology	A. Lasky	10-107-2
10-9	6 day same as above	Goldring	A. Lasky	10-108-2
10-10	Line drawings	J. Kraushaar Physics	A. Lasky	10-109-2 thru 10-112-2
10-10	Typed tables	Farr Medical	A. Lasky	10-113-2 thru 10-120-2
10-10	Typed tables	Dr. Farr Medical	A. Lasky	10-121-2 thru 10-125-2
10-10	line drawing	Whittemore Physics	P. Bennett	10-126-2
10-10	Typed table- Theoretical understanding of the Mechanical behavior of solids	Whittemore Physics	P. Bennett	10-127-2
10-10	line drawing	J. Kraushaar Physics	P. Bennett	10-128-2
10-10	line drawing- Portable Cosmotron survey meter	F. Cowan H.P.	P. Bennett	10-129-2
10-10	Portrait Dr. Ruth M. Drew	R. Drew Medical	AP Christoffersen	10-130-2
10-10	line drawing -Figure 2 PAH Extraction and PAH clearance in normal subjects and in Patients with hypertension, glomerulone phritis and Chronic pyelonephritis From Cargill (1949)	Van Slyke Medical	M. Bull	10-131-2
10-10	Line drawings - Curves Absorber units	J. Harvey Physics	A. Lasky	10-132-2 thru 10-139-2

Date	Caption	Dept.	Photographer	Number
10- ¹⁰ 16 -52	Effect of water pressure on rods - Shot in the testing shack behind T-197	F. Horn	R. Walton	10-140-2 thru 10-146-2 <u>A</u>
10- ¹⁵ 16 -2	Pulses	Kikuchi Physics	A. Lasky	10-146-2 <u>B</u> thru 10-167-2
10- 27	Ultra Centrifuge	Al. Finn Medical	J.F. G & R. Wal	10-168-2
10-7	Detail of ultra centrifuge	Finn Medical	J.F.G. & R. W.	10-169-2
10-7	Counting room - general view	Finn Medical	J.F.G. & R. W.	10-170-2
10-7	Auxiliary equipment for the Ultra Centrifuge	Finn Medical	J.F.G. & R. W.	10-171-2
10-7	Chemical Testing Lab.- Medical	Finn Medical	J.F.G. & R. W.	10-172-2
10-7	Technician inserting sample to be counted into counting pig	Finn Medical	J.F.G. & R. W.	10-173-2
10-7	Dr. Tosteson & Ultra centrifuge	Finn Medical	J.F.G. & R. W.	10-174-2
10-7	Dr. Hale radiating a sample	Finn Medical	J.F.G. & R.W.	10-175-2
10-7	Dr. Hale removing plug from the source pig	Finn Medical	J.F.G. & R. W.	10-176-2
10-1	Handling Tool for active materials	Sanders H. Physics	R. Walton	10-177-2
9-29	Spectrometer at the Pile	A. McReynolds Physics	R. Walton	10-178-2 thru 10-180-2
10-20	Typed tables for slides	Olsen H. Physics	P. Simack	10-181-2 thru 10-184-2
9-6	Uranium encased rod- Metallurgy	Turovlin Reactor	R. Walton	10-185-2

Date	Caption	Dept.	Photographer	Number
10-16-52	line drawings	Sancier Chemistry	P. Simack	10-186-2 thru 10-189-2
10-15-52	3 graphs	Curtis Biology	P. Simack	10-190-2 thru 10-192-2
10-22	Glassware made in Brookhaven shop	K. Walther Glass shop	R. F. Smith	10-193-2
10-22	PM of Pathology Tissue	Saunders Biology	R. F. Smith	10-194-2 thru 10-201-2
10-22	Close up of Uranium test rod	B. Turovlin Reactor	R. F. Smith	10-202-2 thru 10-203-2
10-22	Uranium Test rod	B. Turovlin Reactor	R. F. Smith	10-204-2 thru 10-205-2
10-22	Close up of uranium rod showing thermo couple	Turovlin Reactor	R. F. Smith	10-206-2
10-22	PM's of cancer tissue	Godwin Medical	R. F. Smith	10-207-2 thru 10-219-2
10-22	C-14 apparatus in Bio-Chemistry lab <i>Van Slyke Machine -</i>	Dr. Hanks Medical	R. Walton	10-220-2 thru 10-221-2
10-22	Typed tables 12	M. Gibbs Biology	P. Simack	10-222-2 thru 10-233-2
10-23	Line drawing- Schematic plan view showing how neutron trajectories determine sides of rotor slits	Seidel Physics	P. Simack	10-234-2
10-23	line drawing- Schematic plan view of typical slit system	Seidel		

Date	Caption	Dept.	Photographer	Number
10-22	Print from slide- Estimated percentages of invading fixed acid neutralized by alkali from different buffer depots in the body	Van Slyke Medical	H. Maile	10-236-2
10-24	Figure 3 Metabolism of Rats following Beta exposure of 10,000 rep.	Hankes Medical	P. Simack	10-237-2
10-23	Copy of HVEC photo-showing end view of a Van de Graaff	C. Turner Cyclotron	P. Simack	10-238-2
10-23	"X-ray" view showing inside of HVEC Van de Graaff	C. Turner Cyclotron	P. Simack	10-239-2
10-22	Line drawing- Figure 1 A. Van de Graaff first Generator B. Round Hill Generator	C. Turner Cyclotron	P. Simack	10-240-2
10-23	Figure 5 Pressure vs sparking voltage	C. Turner Cyclotron	P. Simack	10-241-2
10-23	Figure 2 Herb's first pressure insulated generator	C. Turner Cyclotron	P. Simack	10-242-2
10-23	Figure 4 Curve showing Maximum usable generator voltage as a function of air pressure in the enclosing tank- Air pressure is given in lb/in ² absolute (not above atmospheric)	C. Turner Cyclotron	P. Simack	10-243-2
10-24	Pulses	Bernstein Electronics	P. Simack	10-244-2
10-24-52	Snapdragon in field	Sparrow Biology	J. Garfield	10-245-2
10-15	Jacking out cason	de Laguna Geology	J. Garfield	10-246-2
10-15	Cason nearly down to bottom	De Laguna	J. Garfield	10-247-2
10-15	Packing sand inside lysimeter as it hangs inside cason	de Laguna	J. Garfield	10-248-2
10-15	Digging inside cason	de Laguna	J. Garfield	10-249-2
10-15	West wall of hole- Loess at top bedded till on outwash below	de Laguna	J. Garfield	10-250-2

Date	Caption	Dept.	Photographer	Number
10-15-52	Back filling done almost to top of lysimeter tank	de Laguna Geology	J. Garfield	10-251-2
10-15	Filling lysimeter tank to sink it in side cason	de Laguna	J. Garfield	10-252-2
10-27	Heart of Nephrosis victim	Godwin Medical	R. F. Smith	10-253-2
10-27	Kidney of Nephrosis victim	Godwin Medical	R. F. Smith	10-254-2 thru 10-255-2
10-15	Plants from Gamma field	Christensen Biology	R. F. Smith	10-256-2 thru 10-263-2
10-15	Cason is unloaded from truck	de Laguna Geology	J. Garfield	10-264-2
10-15	Cason is lowered into hole	de Laguna	J. Garfield	10-265-2
10-15	"Lower away"	de Laguna	J. Garfield	10-266-2
10-15	Cason is weighted into canal	de Laguna	J. Garfield	10-267-2
10-23	Building from Trip to Europe	Goldhaber Physics	A. Lasky	10-268-2
10-23	Map of Amsterdam	Goldhaber Physics	A. Lasky	10-269-2
10-20	Naval Reserve Training Group	Medd	Garfield	10-270-2
10-20	line drawing	Kraushaar Physics	P. Simack	10-271-2
10-29	Tissue transplant (lymph) in eye of mouse	Dr. Stoner Medical	R. F. Smith	10-272-2
10-29	PM of poplar Bud	S Shapiro Biology	R. F. Smith	10-273-2 thru 10-274-2
10	Plants from Gamma Field	Christensen Biology	R. F. Smith	10-275-2 thru 10-278-2

Date	Caption	Dept.	Photographer	Number
10-29-52	Line drawings - Total cross section Barns	Sailor Reactor	A. Lasky	10-279-2 thru 10-280-2
10-29	line drawings	Blewett Accel.	A. Lasky	10-281-2 thru 10-284-2
10-20	T-452 Stock Room	S. Palermo Stationary	R. Walton	10-285-2 thru 10-294-2
10-21	Dr. Singleton shown in among his "Brookhaven variety" corn crop	Singleton Biology	R. Walton	10-295-2 thru 10-296-2
10-3	Loop "B" Reactor	D. Baries Reactor	R. Walton	10-297-2
10-3	Condensing unit for Loop "B"	D. Baries Reactor	R. Walton	10-298-2
10-23	Automatic temperature Control	Shields Reactor	(NO NUMBER 10-299-2) R. Walton	10-300-2 thru 10-301-2
10-10	Snap dragon blossoms	Sparrow Biology	R. F. Smith	C10-302-2 thru C10-305-2
10-23	line drawings	Kraushaar Physics	A. Lasky	10-306-2 thru 10-307-2
10-28	line drawings	Sussman Biology	A. Lasky	10-308-2 thru 10-309-2
.8	Hot Lab- New Construction interior of Building	P. Richards Hot Lab	R. Walton	10-310-2 thru 10-311-2

Date	Caption	Dept.	Photographer	Number
10-28-52	Hot Lab- New Construction	P. Richards Hot Lab.	R. Walton	10-312-2 thru 10-313-2
10-29	Time lapse equipment	I. Goldring Biology	R. F. Smith	10-314-2
10-29	Operating time lapse equipment	J. Burt Adminis.	R. F. Smith	10-315-2
10-29	Slide No. A 4364 A 429	Sparrow Biology	R.F. Smith	10-316-2
10-29	Slide No. A 3088 L 430	Sparrow	R.F. Smith	10-317-2
10-29	Slide No. A 3088 L 433	Sparrow	R.F. Smith	10-318-2
10-29	Slide No. A-89 F (D) 434	Sparrow	R.F. Smith	10-319-2
10-29	Slide No. A-89 F (C) 435	Sparrow	R.F. Smith	10-320-2
10-29	Slide No. A-89 F (B) 436	Sparrow	R.F. Smith	10-321-2
10-29	Slide No. A-89 F (A) 437	Sparrow	R.F. Smith	10-322-2
10-29	Slide No. A-3088 L 438	Sparrow	R.F. Smith	10-323-2
10-29	Slide No. A-3088 L 439	Sparrow	R.F. Smith	10-324-2
10-29	Slide No. A-3088 L 440	Sparrow	R.F. Smith	10-325-2
10/29/52	Slide No. A-603-G 442	Sparrow	R.F. Smith	10326-2
10/29/52	Slide No. A-603-G 441	Sparrow	R.F. Smith	10-327-2

November

Date	Caption	Dept.	Photographer	Number
11-3-52	Photomicrograph of Pathology Tissue	Saunders Biology	R. F. Smith	11-1-2 thru 11-19-2
11-3	Pulses	Collins Accelerator	P. Simack	11-20-2
11-4	Optical PM of clay spheres Copy of neg. 3-26-2	Ginell Nuc. Eng.	A. Lasky	11-21-2
11-4	Electron PM of clay spheres copy neg.	Ginell	A. Lasky	11-22-2
11-4	line drawing	Ginell Nuc. Eng.	A. Lasky	11-23-2
11-5	3 line drawings	Sussman Biology	P. Simack	11-24-2 thru 11-26-2
11-5	2 typed tables	Sussman Biology	P. Simack	11-27-2 thru 11-28-2
11-5	Radiated potatoes from Gamma Field	Sussman Biology	P. Simack	11-29-2
11-5	Three views of a motor	A. Dick Design	H. Maile	11-30-2
11-5	Pulses	der Mateosian Physics	P. Bennett	11-31-2 thru 11-32-2
10-29	Navy reserve members watching demonstra- tion of a neutron spectrometer at the Pile	D. Weiss Physics	R. Walton	11-33-2
10-27	Close up of control section - Pile	F. Horn Reactor	R. Walton	11-34-2
10-27	Long shot of control section	F. Horn Reactor	R. Walton	11-35-2
10-27	T-480 Draw bench for extruding tubing	G. Harback Metal.	R. Walton	11-36-2 thru 11-38-2
10-27	T-480 Draw bench close up of die and gapping jaws	"	R. Walton	11-39-2

Date	Caption	Dept.	Photographer	Number
10-27	T-480 Looking into high frequency brazing tank	G. Harback Metal.	R. Walton	11-40-2
11-5	Reactor - Partially dissolved uranium slug 11-42-2 SEE 8-507-57	C. Scarlett Reactor HOT LAB	R. Walton	11-41-2 thru 11-42-2
11-5	Same as above - end view	"	R. Walton	11-43-2
11-11	PM's of Pathology Tissue	Saunders Biology	R. F. Smith	11-44-2 thru 11-47-2
11-11	Line drawing - Absorption of coenzyme I	M. Gibbs Biology	R. Fuka	11-48-2
11-11	Line drawing - Induced sex-linked recessive lethal mutations/1000 tested x-chromosomes	B. King Biology	R. Fuka	11-49-2
11-10	Trillium M ₁ Coils	A. Sparrow Biology	R. F. Smith	11-50-2 thru 11-51-2
10-29	Slide # A 4364A (432)	A. Sparrow Biology	R. F. Smith	11-52-2
11-10	Slide # A 446 -C7 -P ₂	A. Sparrow Biology	R. F. Smith	11-53-2
10-29	Slide # A 4364 A (431)	A. Sparrow Biology	R. F. Smith	11-54-2
11-10	Slide # A 4364A -388	A. Sparrow Biology	R. F. Smith	11-55-2
11-10	Slide # A 117-A46	A. Sparrow Biology	R. F. SMITH	11-56-2
11-12	Typed charts	M. Gibbs Biology	R. Fuka	11-57-2 thru 11-61-2
11-12	PM's of poplar stem # 1-19	Shapiro Biology	R. F. Smith	11-62-2 thru 11-80-2
11-11	Line drawing	M. Goldberg	R. Fuka	11-81-2

Date	Caption	Dept.	Photographer	Number
11-11	Line Drawings 3	V. Sailor Reactor	R. Fuka	11-82-2 thru 11-84-2
11-4	Polished metal samples after heat testing and dissolving	D. Baries Reactor	R. Walton	C11-85-2 thru C11-89-2
11-4	Dr. Shutt shown looking in at Cloud Chamber "Felix"	J. Burt Adminis.	R. Walton	11-90-2
11-4	Kristoffersen shown setting camera in place in Cloud Chamber	J. Burt Adminis.	R. Walton	11-91-2
11-7	Stem of a snapdragon showing faciation	Christensen Biology	R. Walton	11-92-2
11-11	Biology Cysas Plant	Shapiro Biology	R. Walton	11-93-2 thru 11-95-2
11-7	Faciation of snap dragon stem	Christensen Biology	R. Walton	C11-96-2
11-13	Slide # A 603-0 drawing	Sparrow	P. Simack	11-97-2
11-13	line drawing Samarium	V. Sailor Reactor	P. Simack	11-98-2
11-13	Schematic drawing in projection of meson decay into 3 fast particles	J. Burt Adminis	P. Simack	11-99-2
11-13	Schematic drawing, in projection, of star with T track	J. Burt Adminis	P. Simack	11-100-2
11-7	Typed Table - Table I	F. Seidel Physics	P. Simack	11-101-2
11-12	Biology Kalankoe Plants	Christensen Biology	R. Walton	11-102-2 thru 11-107-2
11-13	Reactor- Polished samples of stainless steel	M. Thomas Reactor	R. Walton	11-108-2

Date	Caption	Dept.	Photographer	Number
11-13	Florida plant - Biology	Shapiro Biology	R. Walton	11-110-2 thru 11-111-2
11-13	New method of pipetting	J. Strickland	R. Walton	11-112-2 thru 11-113-2
11-12	Radiated plants	Konzak Biology	R. Walton	11-114-2
11-12	Gla's in greenhouse	Konzak Biology	R. Walton	11-115-2
11-17	Copy color transparency from AEC Bomb explosion	A.E.C.	M. Bull	C11-116-2
11-4	Line drawings 34	Gidez Medical	P. Simack	11-117-2 thru 11-140-2
11-10	Dr. Nims prepares to place rats in thermo column on pile Top <i>1 - 1 - 1 - cleared f.p.</i>	Nims. Biology	J. F. Garfield	11-141-2 thru 11-143-2
10-13	Naval Research Party	R. Weiss Physics	J.F. Garfield	11-144-2 thru 11-145-2
11-18	West face of Reactor <i>(dup'd neg - shot in April)</i>	J. Burt	J. F. Garfield	11-146-2 thru 11-150-2
11-4	Line drawings	Susskind Nuc. Eng.	PI Simack	11-151-2 thru 11-157-2
11-18	Color of Thermo-couples sent to outside Engineering firm per request M. Fox	J. Binns	R. F. Smith	C11-158-2 thru C11-164-2
11-18	PM's of Thermal couples	J. Binns	R. F. Smith	11-165-2 thru 11-172-2
11-18	C ysa's Plants	Shapiro Biology	R. Walton	C11-173-2 thru C11-175-2

Date	Caption	Dept.	Photographer	Number
11-18	Poplar shoots	Shapiro Biology	R. F. Smith	Exxx 11-176-2 thru 11-181-2
11-18	Line drawing	Weston Chem.	R. Fuka	11-182-2 thru 11-186-2
11-19	Typed Tables	Biegleisen Chemistry	P. Simack	11-187-2 thru 11-190-2
11-10	Fitting rubes clay is used as the medium	D. Hatch Nuc. Eng.	R. Walton	11-191-2
11-17	Effect of radiation on plant growth	Christensen Biology	R. Walton	11-192-2 thru 11-194-2
11-10	Geology - site of well (Lysimeter)	de Laguna Geology	R. Walton	11-195-2
11-12	T-480 Furnace for annealing metals	E. Turovlin	R. Walton	11-196-2 thru 11-197-2
11-6	Part of Pill pulling setup	R. Heus Reactor	R. Walton	11-198-2 thru 11-204-2
11-19	General Pathology Tissue Color Transparencies unmounted 11	Saunders Biology	R. F. Smith	C11-205-2 thru C11-215-2
11-18	Biology Mice control and radiated	A. Edelman	R. Walton	11-216-2 thru 11-217-2
11-19	Eight X-rays of the skull	R. Olevish Medical	R. Fuka	11-218-2 thru 11-225-2
11-19	Color Transparencies Cancer cells	Godwin Medical	R. F. Smith	C11-226-2 thru C11-244-2

Date	Caption	Dept.	Photographer	Number
11-19	Color transpariency - Pathology tissue	Saunders Biology	R. F. Smith	C11-245-2
11-19	Poplar stems in bright field - polarized light	Shapiro Biology	R. F. Smith	C11-246-2 thru C11-249-2
11-19	PM's of Pathology tissue	Saunders Biology	R. F. Smith	11-250-2 thru 11-260-2
11-18	Receiving- Metals Warehouse	Palermo Receiving	R. Walton	11-261-2 thru 11-263-2
11-19	PM's of Poplar Stems Slide # 1 thru 15	Shapiro Biology	R. F. Smith	11-264-2 thru 11-278-2
11-20	Florida evergreen bush	Shapiro Biology	R. Walton	C11-279-2 thru C11-280-2
11-20	Poplar buds cross section	Shapiro Biology	R. F. Smith	C11-281-2 thru C11-283-2
11-20	Typed tables	A. Edelman Biology	R. Fuka	11-284-2 thru 11-286-2
11-20	line drawing- C ¹³ Intermolecular isotope effect in the decarboxylation of malonic acid	Biegleisen Chemistry	R. Fuka	11-287-2
11-21	line drawing	Freedman Chemistry	R. Fuka	11-288-2
11-21	Poplar stems	Shapiro Biology	R. F. Smith	11-289-2 thru 11-290-2
11-21	Poplar shoots	Shapiro Biology	R. F. Smith	11-291-2 thru 11-294-2

Date	Caption	Dept.	Photographer	Number
11-21	PM of nerve cells (normal)	I. Goldring Biology	R. F. Smith	11-295-2
11-21	PM of Trichina	Godwin Pathology	R. F. Smith	11-296-2 thru 11-297-2
11-21	PM of cancer cells	Godwin Pathology	R. F. Smith	11-298-2 thru 11-300-2
11-21	PM of cancer tissue	Godwin Pathology	R. F. Smith	11-301-2
11-21	PM of cancer cells	Godwin Pathology	R. F. Smith	11-302-2 thru 11-312-2
11-21	Copy neg - Pulses (2)	der Mat. Physics	M. Bull	11-313-2
11-21	Typed tables- Mutations produced in Antirrhinum majus.	Sparrow Biology	R. Fuka	11-314-2 thru 11-316-2
11-24	line drawings	F. Seidl Physics	A. Lasky	11-317-2 thru 11-322-2
11-24	2 transparencies color, radiated mice	A. Edelman Biology	R. Walton	C11-323-2 thru C11-324-2
11-24	Color snapdragons	Christensen Biology	R. Walton	C11-325-2 thru C11-326-2
11-24	Color mutated plant	Christensen Biology	R. Walton	C11-327-2 thru C11-328-2
11-24	5 line drawings	Palevsky Physics	A. Lasky	11-329-2 thru 11-333-2

Date	Caption	Dept.	Photographer	Number
11-24	3 line drawings	Renkin Slavin BIO.	A. Lasky	11-334-2 thru 11-336-2
11-24	Pulses	Slavin Chemistry	P. Bennett	11-337-2 thru 11-338-2
11-24	Line drawing- hours vs liters	Gamble Medical	P. Bennett	11-339-2
11-25	Medical Exhibit	Godwin Medical	R. F. Smith	11-340-2
11-25	Corn Chromosomes # 1 - 24 no # 7	Dollinger Biology	R. F. Smith	11-341-2 thru 11-360-2
11-24	Reactor- cross section of polished weld- ing samples	J. Klein8	R. Walton	11-361-2
11-24	Medical- Fracture machine	Hankes Medical	R. Walton	11-362-2
11-24	M Copy of cloud chamber for slides	Goldhaber Physics	A. Lasky	11-363-2 thru 11-365-2
11-26	Table L - Simultaneous measurements of the volumes of distribution of radioactive chlorine, radioactive sodium sodium, stable bromide, & sucrose	Gamble Medical	A. Lasky	11-366-2
11-26	Table LL - Simultaneous determinations of the volumes of Distribution of ER_{82} and Cl_{38} in 4 BNL patients	Gamble Medical	A. Lasky	11-367-2
11-26	Table III - Transport of Bi_{82} and Cl_{38} into urine, red cells, chest fluid, gastro- intestinal juices and cerebro-spinal) (ventricular) fluid	Gamble Medical	A. Lasky	11-368-2
11-29	Diopositive 11-17552 shot # 2	Schardt	P. Bennett	11-369-2
11-29	Diopositive 11-11-52 shot # 1	Schardt Elec.	P. Bennett	11-370-2

December

Date	Caption	Dept.	Photographer	Number
11-29	Pictures Taken from books	S. Freed Chemistry	P. Simack	12-1-2 thru 12-20-2
11-29	Pictures taken from books	"	A. Lasky	12-21-2 thru 12-27-2
12-1	Charts - line drawings, grids & pulses	Bernstein Electronics	A. Lasky	12-28-2 thru 12-36-2
12-2	Pulses	Bernstein Elec.	A. Lasky	12-37-2
12-2	Block Diagram	Constant Elect.	A. Lasky	12-38-2 thru 12-39-2
12-2	line drawing	Goldhaber Physics	A. Lasky	12-40-2
1-24	Cosmotron- Chassis	L. Rádmond	R. Walton	12-41-2 thru 12-52-2
12-2	Charts- Graphs	E. Norton Chemistry	P. Simack	12-53-2 thru 12-66-2
12-2	3 line drawings	F. Olsen H. Physics	P. Simack	12-67-2 thru 12-69-2
12-2	Typed Tables	B. Sternheimer Biol	P. Simack	12-70-2 thru 12-76-2
12-3	BNL Log No. P-1135 P-1136 P-1137 P-1138	Turovlin " " "		12-77-2 12-78-2 12-79-2 12-80-2
1-28	Lead pig and source set up H. Physics	F. Olsen H. Physics	R. Walton	12-81-2
12-1	Cosmotron- Vault <i>inside ring</i>	Collins Cosmo	R. Walton	12-82-2 thru 12-84-2

Date	Caption	Dept.	Photographer	Number
11-26	Reactor- Deep scratch on inside of 8" diameter pipe	M. Thomas Reactor	R. Walton	12-85-2
12-1	Profile view of 3 yr. old girl patient L. Rodstein	Farr Medical	R. Walton	12-86-2
12-1	Front view of above	Farr Medical	R. Walton	12-87-2
11-26	Exterior of Biology Building	Lancaster AEC	R. Walton	12-88-2 thru 12-90-2
12-3	EM of Pathology Tissue	Saunders Biology	R. Smith	12-91-2 thru 12-109-2
12-3	Chest plates from scout x-rays	Olevish Medical	A. Lasky	12-110-2 thru 12-113-2
11-21	Macro photo of stem cockel burr	Christensen	R. Smith	12-114-2 thru 12-118-2
12-4	Experimental Rats PM of cancer tissue	Godwin Medical	Smith R. Smith	12-119-2 12-120-2 thru 12-133-2
12-2	Health Physics F. Olsen	J. Burt Admin	R. Walton	12-134-2
12-2	G. Tape & J. Garfield Cafeteria	J. Burt Admin	R. Walton	12-135-2
12-2	Dr. Farr & Dr. Dahl Informal	J. Burt Admin	R. Walton	12-136-2
12-2	Medical Staff meeting	J. Burt Admin.	R. Walton	12-137-2
12-3	R. F. Smith and 5th avenue sign	J. Burt Admin	R. Walton	12-138-2
12-5	PM's of welds	Turovlin Reactor	Maile	12-139-2
12-5	Pencil drawings	A. Dick T-107	M. Herbert	12-140-2

Date	Caption	Dept.	Photographer	Number
12-5	PM's of Cancer tissues (color slides)	Godwin Medical	R. Smith	C12-143-2 thru C12-156-2
12-1	Biol. One of the Lab. assistants drawing water from the Bowald still	J. Burt Admin.	R. Walton	12-157-2
12-4	Trad plant	Christensen Biology	R. Walton	12-158-2 thru 12-164-2
12-9	Gustiness classifications	I. Singer Meteor.	P. Simack	12-165-2 thru 12-167-2
12-9	Drawings	Dollinger Biology	M. Herbert	12-168-2 thru 12-192-2
12-9	line drawings - 3	Biegleisen Chem	A. Lasky	12-193-2 thru 12-195-2
12-9	Typed table	M. Gibbs Biology	A. Lasky	12-196-2
12-9	Typed page	Godwin Medical	A. Lasky	12-197-2
12-9	line drawings 3	Hastings & Corliss Chem	A. Lasky	12-198-2 thru 12-200-2
12-9	Copy neg from 2 x 2 color transparency	Konzak Biol	P. Bennett	12-201-2 thru 12-202-2
12-4	Tradescantia plants color 6	Sparrow Biol	R. Walton	C12-203-2 thru C12-208-2
12-10	PM's of Pathology Tissue	Saunders Biol	R. F. Smith	12-209-2 thru 12-219-2

Date	Caption	Dept.	Photographer	Number
12-10	Slide # A 5048A (A)	Sparrow Biology	R. Smith	12-220-2
12-10	Slide # A 5048A (B)	"	"	12-221-2
12-10	Slide # A 5046A (A)	"	"	12-222-2
12-10	Slide # A 5046A (B)	"	"	12-223-2
12-10	Health Physics Air samples	Gemmell H. Physics	R. Walton	12-224-2 thru 12-226-2
12-10	PM's of cancer tissue	Godwin	R. Smith	12-227-2 thru 12-235-2
12-11	3 <u>color</u> transparencies 1 chromosome tradescantia 2 cockel burr stems	Sparrow Biology	R. F. Smith	C12-236-2 thru C12-238-2
12-11	2 copy negs	Burditt Elect.	P. Bennett	12-239-2 thru 12-240-2
12-12	4 line drawings	S. Ruby Phys.	P. Simack	12-241-2 thru 12-244-2
12-15	Typed tables & charts	Tostesen Medical	P. Simack	12-245-2 thru 12-251-2
12-15	Chart - % micronuclei in early binucleate pollen	Steffensen Biology	P. Simack	12-252-2
12-15	Cosmo. dedication - visitors	J. Burt Adm.	R. Smith and Simack	12-253-2 and 12-254-2
12-15	Cosmo dedication - Collins, Hayworth and Smyth	J. Burt Adm.	R. Smith and Simack Lasky	12-255-2
12-15	Line drawings 13	K. Green Acc.	P. Simack	12-256-2 thru 12-268-2
12-15	Pulses and others	K. Green Acc.	A. Lasky	12-269-2 thru 12-273-2

Date	Caption	Dept.	Photographer	Number
12-15	Weld Regions	O. Kammerer Reac.	A. Lasky	12-274-2
12-16	Copy negs.	Courant Chem. Cosmo	A. Lasky	12-275-2 thru 12-276-2
12-16	The Cosmo - How it Works - copy neg. with additional info. for cosmo ded. booklet	J. Burt Adm.	M. Herbert	12-277-2
12-16	line drawing	Bigeleisen Chem.	P. Simack	12-278-2
12-17	2 line drawings	R. Oleich Medical Goldhaber Phys.	P. Simack	12-279-2 thru 12-280-2
12-11	Cyclotron - Rain leak in roof of Cyclotron	Jacobus Acc.	R. Walton	12-281-2
12-18	PM of corn chromosomes #23 #24 #25 #26 #27	Dollinger Biol.	R. Smith	12-282-2 12-283-2 12-284-2 12-285-2 12-286-2
12-18	10 drawings and tables	Finstron Chem.	Fuka	12-287-2 thru 12-296-2
12-18	Gordon Dean - Cosmo dedication	J. Burt Adm.	Garfield	12-297-2
12-18	PM of Pathological tissue	Saunders Biol.	R.F. Smith	12-298-2
12-8	Ginko seed pod for slide	Christensen	R. Walton	12-299-2
12-19	6 color transparencies pathogenic incysten parasites	Saunders Biol.	R.F. Smith	No number
12-8	Ginko seed	Christensen Biol.	R. Walton	12-300-2 thru 12-301-2
12-11	Med - Patient shown using the arm support	Miner Med.	R. Walton	12-302-2
12-11	Med - Support for arm	"	"	12-303-2
11-8	Acc - Air sampler holder	Harris Acc.	R. Walton	12-304-2 thru 12-305-2

Date	Caption	Dept.	Photographer	Number
12-8	Close-up of shutter for the slow chopper	Palevsky Phys.	R. Walton	12-306-2
12-8	Long view of slow chopper on east bal	"	"	12-307-2
12-8	Neutron chopper	"	"	12-308-2
12-4	Reactor - Rear view of pump	Bareis Reac. NVC ENG	R. Walton	12-309-2
12-4	Mock-up of hoop B	"	"	12-310-2 thru 12-311-2
12-4	Front view of pump	"	"	12-312-2
12-4	Metal melting pot for loop B	"	"	12-313-2 and 12-314-2
12-17	Spectrometer - top removed	Tuthill Reac.	R. Walton	12-315-2 and 12-317-2
12-17	Spectrometer in operating position	"	"	12-318-2 and 12-319-2
12-17	Spectrometer - showing entire assembly from the rear	"	"	12-320-2
12-17	Spectrometer - focusing set with covers	"	"	12-321-2
12-17	Spectrometer - focusing set	"	"	12-322-2
12-17	Spectrometer - close up of slit for neutron and emission	"	"	12-323-2
12-11	Embryo poplar buds color	Shapiro Biol.	Smith	C12-324-2 thru C12-329-2
12-22	Cancer tissue colored	Godwin Medical	Smith	No number
12-22	Typed Table III - Transport of Br-82 and Cl-38 into urine, etc.	Gamble Medical	Lasky	12-330-2
12-23	Line drawings and typed charts	Wolfsberg Biol.	A. Lasky	12-331-2 thru 12-344-2
12-23	Portrait - E. Foster	Foster Elec.	Garfield	12-345-2

Date	Caption	Dept.	Photographer	Number
12-23	Typed tables	Biggelsen Chem.	P. Simack	12-346-2 thru 12-350-2
12-12	West face of pile Beta - Neutrino angular correlation experiment	S. Ruby Phys.	R. Walton	12-351-2 thru 12-354-2
12-29	Rat. for Dr. Godwin (a color slide of above was given the same number)	Pathology	Garfield	12-355-2 C12-355-2
12-52	Typed Table 1	Gamble Medical	A. Lasky	12-356-2
12-30	Graphs for slides	Hughes Physics	P. Simack	12-357-2 thru 12-363-2
12-30	Drawing for slide	Hastings Chemistry	P. Simack	12-364-2 thru 12-365-2
12-21	Copy of Meter. nos. 99-00 77-88 55-66 33-44 11-22	Graham Elec.	R. Walton	12-366-2 12-367-2 12-368-2 12-369-2 12-370-2
12-52	PM's of Poplar buds	Shapiro Biology	R. R. Smith	12-371-2 thru 12-404-2
12-20	Shots of the BNL Play 1952	R. Vogt Recreat.	R. Walton	12-405-2 thru 12-409-2
12-22	Lilly seedlings (Color)	Christensen Biology	R. Walton	C12-410-2
12-21	Geranium leaf	Konzak Biology	R. Walton	12-411-2 thru 12-414-2
12-21	Jap evergreen seed pods	Shapiro Biology	R. Walton R. F. Smith	12-415-2

Date	Caption	Dept.	Photographer	Number
12-52	Poplar bud	Shapiro Biology	R. F. Smith R. F. Smith	12-416-2
12-22	Cut open rat	Godwin Med.	J. Garfield	12-417-2
12-22	Cut open rat in color	Godwin Med.	J. Garfield	012-418-2

Date	Caption	Dept.	Photographer	Number
	<i>Isotope Story</i> 4-190-1 4-194-1 12-295-1 1-24-2 1-25-2 1-121-2 1-122-2 1-123-2 1-124-2 1-125-2 1-126-2 1-127-2 1-128-2 1-129-2 1-130-2			