

SCIENTIFIC GENEALOGY MASTER LIST

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<http://www.chem.yorku.ca/NAMED/>

Scientists Associated with Concepts in Chemistry & Physics

NAME OF SCIENTIST	SUPERVISOR	Ph.D. YEAR	UNIVERSITY	REFERENCE
Adams, Roger	Theodore W. Richards	1912	Harvard	1/2/37
Adkins, Homer Burton	William Lloyd Evans	1918	Ohio State	1/2/37
Albery, Wyndham John	Ronald P. Bell	1964	Oxford	54/106
Alder, Kurt	Otto Diels	1926	Kiel	1/4
Allihn, Felix Richard				
Allinger, Normal Louis	James Cason Donald J. Cram	1954	UCLA	10
Altman, Carl	Edward L. King	1957	Wisconsin	68
Ampère, André Marie				
Andresen, Momme	Rudolf Schmitt	1880	Jena	5
Ångström, Anders Jonas		1839	Uppsala	5
Appel, Rolf	Margot Becke-Goehring	1951	Heidelberg	72
Arbuzov, Aleksandr	Aleksandr Saytzeff	1914	Kazan	6/7/24

Erminingeldovich				
Armstrong, Henry Edward	Adolf Kolbe	1869	Leipzig	73/5
Arndt, Fritz	J. Howitz Ludwig Gattermann	1908	Freiburg	1/71/5
Arnold, Zdenek	Frantisek Sorm	1948	Prague Inst.	70/73
Arrhenius, Svante August	E. Edlund, Sven O. Pettersson	1884	Uppsala	4
Auger, Pierre Victor	Jean Baptiste Perrin	1926	Ecole Norm. Super. (Paris)	5/11
Avogadro, L R A C				
Babinet, Jacques	Binet	1812	Ecole Polytech.	3/135
Bachmann, Werner Emmanuel	Moses Gomberg	1926	Michigan	7/2
Back, Ernst	Friedrich Paschen	1913	Tubingen	3
Bäcklund, Birger		1945	Uppsala	107
Badger, Richard McLean	Arthur A. Noyes	1924	Cal Tech	2
Baekeland, Leo Hendrick		1884	Ghent	2
Baeyer, J F W Adolf von	Robert Bunsen, August Kekule	1858	Berlin	7/4
Baker, John William	Jocelyn F. Thorpe	1922	Roy. Coll. Sci.	7/5
Baldwin, Jack E.	Derek H.R. Barton	1964	London	33
Balmer, Johann Jakob		1849	Basel	3/5/73/132
Bamberger, Eugen	C.T.Liebermann/ A.W.Hofmann	1881	Berlin	1/5/31
Bamford, William Randall	Stevens, Thomas Stevens	1952	Sheffield	94/106
Barbier, François Antoine Phillipe	Pierre E.M. Berthelot	1876	Superieure de Pharmacie	5/37
Bartlett, Paul Doughty	James B. Conant	1931	Harvard	2
Barton, Sir Derek Harold Richard	E.R.H. Jones, Isidor (Ian) Heilbron	1942	London	1/4
Bates, Arnold J.	R. Sheppard, G. Kenner, R. Ramage	1973	Liverpool	94/116/130
Baumann, Eugen	Felix Hoppe-Seyler	1872 (MD)	Tubingen	5/31

Becke, Axel D.	D.W.L. Sprung	1981	McMaster	69
Beckman, Arnold Orville	Roscoe G. Dickinson	1928	Cal Tech	37
Beckmann, Ernst Otto	Adolphe Kolbe	1878	Leipzig	1/5
Becquerel, Antoine Henri César		1877	Ecole Polytech.	3/73
Beer, August	Julius Pluecker	1848	Bonn	5/131
Beilstein, Friedrich Konrad	Friedrich Wohler	1858	Gottingen	5/8
Bell, Ronald Percy	J. Bronsted (mentor)	1933 (MA) no Ph.D.	Oxford Copenhagen	9/106
Benedict, Stanley Rossiter	L.B. Mendel	1908	Yale	2
Benson, Sidney William	E. Bright Wilson	1941	Harvard	10/137
Bergman, Robert George	Jerome A. Berson	1966	Wisconsin	37
Berry, Richard Stephen	William E. Moffitt	1956	Harvard	10/37
Berthelot, Pierre Eugène Marcelin	Antoine Balard	1854	Paris	5
Biot, Jean Baptiste	Pierre Simon de Laplace	1797	Ecole Polytech.	3/135
Birch, Arthur John	Robert Robinson	1940	Oxford	11
Bjerrum, Niels Janniksen	Sophus Mads Jørgensen	1908	Copenhagen	3
Borch, Richard Frederic	Gilbert Stork	1965	Columbia	10/68
Bigeleisen, Jacob	Gilbert N. Lewis	1943	UC Berkeley	10/40/68
Bischler, August	Viktor Merz, Haruthium Abeljanz	1889	Zurich	107/132
Blanc, Gustave Louis	Charles Friedel	1899	Paris	1
Bloch, Felix	Werner Heisenberg	1928	Leipzig	5/12
Blodgett, Katherine Burr	Sir Ernest Rutherford	1926	Cambridge	12/118
Bodenstein, Max Ernst August	Viktor Meyer	1893	Heidelberg	5/37
Bohr, Niels Henrik David	C. Christiansen	1911	Copenhagen	5/22
Boltzmann, Ludwig Edward	Josef Stefan	1866	Vienna	5/8/3
Born, Max	Christian Felix Klein	1907	Gottingen	5
Börnstein, Richard	Christian Felix Klein	1872	Gottingen	5/107
Borodin, Aleksandr Porphyrevich	Nikolai N. Zinin	1858	St. Petersburg	6/1
Bose, Satyendra Nath		1915 (MA)	Calcutta	13
Bouguer, Pierre				
Bouveault, Louis	Maurice Hanriot	1890	Sorbonne	1/73

		1892 (MD)		
Boyd, Russell Jaye	Michael A. Whitehead	1971	McGill	68/69
Boyle, The Hon. Robert				
Brackett, Frederick Sumner	Joseph Sweetman Ames	1922	Johns Hopkins	75/111
Bragg, Sir William Henry	J.J. Thomson	1885 (MA)	Cambridge	5/13
Bragg, Sir William Lawrence	J.J. Thomson, Sir William H. Bragg	1912 (MA)	Cambridge	5/13/22
Bravais, Auguste	Simeon Denis Poisson	1829	Ecole Polytech.	3/135
Bredereck, Hellmut	Burkhardt Helferich	1927	Greifswald	5/68
Bredt, Konrad Julius	Rudolph Fittig	1880	Strasbourg	1
Brewster, Sir David		1794	Edinburgh	73
Briggs, George Edward	C. West	1919	Cambridge	13/68
Briggs, Henry				
Brillouin, Marcel Louis		1881	College France	3
Brönsted, Johannes Nicolaus		1908	Copenhagen	5
Brook, Adrian Gibbs	George F. Wright	1950	U Toronto	10
Brown, Herbert Charles	H.I. Schlesinger	1938	Chicago	4
Brown, Robert				
Bucherer, Hans Theodor	Johannes Wislicenus	1893	Leipzig	1
Büchi, George Hermann	Leopold Ruzicka	1947	ETH	10/37
Büchner, Eduard	Adolf Baeyer Theodor Curtius	1888	Munich	5/3/31
Bunnett, Joseph Frederick	Dean Stanley Tarbell	1945	Rochester	10/40
Bunsen, Robert Wilhelm Eberhard	Friedrich Stromeyer	1830	Gottingen	1/5/3/12
Burgess, Edward M.	George Buchi	1962	MIT	10/68
Burk, Dean	C. Kenneth Horner	1923	Berkeley	11/68
Butler, John Alfred Valentine	S.R. Carter	1927	Birmingham	5/13
Buttenberg, Wilhelm Paul	August Michaelis	1892	Rostock	5
Cadiot, Paul	Antoine Willemart	1949?	Ecole Natl. Sup.	68
Cahn, Robert Sidney		1925 (MA)	Cambridge	106
Calvin, Melvin	George A. Glockler	1935	Minnesota	1/4/2
Cannizzaro, Stanislao	Rafaelle Piria	1846, 1842	Pisa, Palermo	1/5

		(MD)		
Carnot, Nicholas Léonard Sadi		1814	Ecole Polytech.	3/73
Caro, Heinrich	Adolf von Baeyer, A.W. Hofmann	No Ph.D.	Munich/ Roy. Coll. Sci.	5/122
Celsius, Anders			Uppsala	3
Chapman, Arthur William		1927	London	106
Chapman, David Leonard		1907 (MA)	Oxford	13/3/115
Charles, Jacques Alexandre César				
Chebyshev, Pafnutii Lvovich		1847	St. Petersburg	3
Cherenkov, Pavel Alekseyevich	Sergei I. Vavilov	1930's	Leningrad	8/12
Chichibabin Alexei Yevgenievich	Vladimir V. Markovnikov	1912	St. Petersburg	1/6
Chodkiewicz, Wladyslav	Antoine Willemart	1949?	Ecole Natl. Sup.	68
Chugaev (Tschugaev, Tschugaeff), Lev Aleksandrovich		1895 (1906)	Moscow	1/5/30/73/100
Claisen, Rainer Ludwig	August Kekule	1875	Bonn	1/5/31
Clapeyron, Benoît Paul Émile	No supervisor	1818 (eng.)	Ecole Polytech.	3/135
Clarke, Hans Thacher		1910	UC London	5/2/31
Clausius, Rudolf Julius Emmanuel		1848	Halle	3/73
Cleland, William Wallace	Marvin J. Johnson	1955	Wisconsin	10/40
Clemmensen, Erik Christian			Roy. Poly. Inst. Copenhagen	1
Cleve, Per Theodor	Carl G. Mosander	1863	Uppsala	73
Closs, Gerhard Ludwig	Georg Wittig	1955	Tubingen	14/37
Collins, Joseph Charles Jr.	William S. Johnson	1958	Wisconsin	10
Collman, James Paddock	Reynold C. Fuson	1958	Illinois	10/37
Compton, Arthur Holly	Owen W. Richardson, H.L. Cooke	1916	Princeton U.	5/2/3
Condon, Edward Uhler	Raymond Thayer Birge	1926	UC Berkeley	5/2
Condon, Francis Edward	Paul D. Bartlett	1944	Harvard	10/68
Cope, Arthur Clay	S.M. McElvain	1932	Wisconsin	1/2
Corey, Elias James	John C. Sheehan	1951	MIT	4
Coriolis, Gaspard Gustave de				

Cornforth, John Warcup	Sir Robert Robinson	1941	Oxford	1/4
Cornish-Bowden, Athelstan John	Jeremy R. Knowles	1967/8	Oxford	68/94
Cotton, Aimé Auguste		1893	Paris?	5
Coulomb, Charles Augustin de				
Cox, Robin	John Warkentin	1970	McMaster	40
Crabtree, Robert H.	Joseph Chatt	1973	Sussex	10/84/68
Crafts, James Mason	Eben Horsford	1858	Lawrence Scientific School	1/2
Cram, Donald James	L.F. Fieser	1947	Harvard	4
Cray, Seymour		1951(MSc)	Minnesota	12
Creutz, Carol	Henry Taube	1970	Stanford	10/68
Crick, Francis Harry Compton	Max Perutz	1954	Cambridge	1/10/37
Criegee, Rudolf	Otto Dimroth	1925	Wurzburg	1
Curie, Marie (Manya née Sklodowska)	Antoine Becquerel	1903	Ecole de Phys. Chim. Indus., Paris	4/37
Curie, Pierre		1895	Sorbonne	3
Curtin, David Yarrow	Charles Coale Price	1945	Illinois	1
Curtius, Theodor	Adolphe Kolbe	1882	Leipzig	1/31
Czerny, Marianus	Heinrich Rubens	1923	Berlin	5
Dakin, Henry Drysdale	Albrecht Kossel	1904	Heidelberg	15/73
Dalton, John				
Danishefsky, Samuel J.	Peter Yates	1962	Harvard	10/68
Darzens, Auguste Georges	Louis Edouard Grimaux	1888	Ecole Polytech.	1/73/135
Davies				
Davydov, Aleksandr Sergeevich				
de Broglie, Prince Louis	Maurice de Broglie	1924	Sorbonne	13
Dean, Ernest Woodward		1914	Yale	75
Debye, Peter Joseph Wilhelm	A. Sommerfeld	1908	Munich	4/2
Délepine, Stephane Marcel	M. Berthelot	1898	Sorbonne	5
Demjanov, Nikolai Jakovlevich	Vladimir V. Markovnikov	1899	Moscow	6/5

Dess, Daniel Benjamin	James Cullen Martin	1984	U. Illinois Urbana-Champaign	76
Dewar, Michael James Stuart	Fred E. King	1944	Oxford	1
Dewar, Sir James	Lyon Playfair	1858	Edinburgh	5/3/73
Dexter, David Lawrence	W.W. Beeman	1951	Wisconsin	11/68
Dieckmann, Walter	Eugen Bamberger	1892	Munich	1/5/31
Diels, Otto Paul Hermann	Emil Fischer	1899	Berlin	1/4/31
Dimroth, Karl	Adolf Windhaus	1936	Gottingen	41
Dimroth, Otto	Johannes Thiele	1895	Strasbourg	5/73
Dirac, Paul Adrien Maurice	Ralph H. Fowler	1926	Cambridge	13
Dixon, Harold Baily	August George Vernon Harcourt	1879	Oxford	5/3/37
Döbereiner, Johann Wolfgang		1810	Jena	17
Döbner (Doebner), Oscar	Rudolph Fittig	1873	Tubingen	5/42
Doering, William von Eggers	Robert B. Woodward	1943	Harvard	68
Doppler, Johann Christian				
Dötz, Karl Heinz	Ernst Otto Fischer	1971	TH Munich	63/68
Draper, John William	Edward Turner	1829 1836 (MD)	London U Penn.	3/73
Dufton, Samuel Felix				
Duhem, Pierre Maurice Marie		1888	Ecole Norm.	5/3
Dulong, Pierre Louis	Louis Jacques Thenard		Ecole Norm.	3
Dunitz, Jack David	John Monteath Robertson	1947	Glasgow	10/40
Eadie, George Sharp	J.B.S. Haldane	1927	Cambridge	14/118
Ebert, R.				
Edgecombe, Kenneth E.	Russell J. Boyd	1988	Dalhousie	68
Edman, Pehr Victor	Johan Erik Jorpes	1946	Karolinska Inst.	1/13
Edward, John Thomas	R. Boyer	1942	McGill	90
Edwards, John Oelhaf	C.H. Sorum	1951	Wisconsin	14/68
Eglinton, Geoffrey	E.R.H. Jones	1951	Manchester	11
Ehrenfest, Paul	Ludwig Boltzmann	1904	TH Vienna	5/12
Ehrlich, Paul		1874 (MD)	Breslau	73

		1878	Leipzig	
Eigen, Manfred	Arnold Eucken	1951	Georg-August U, Gottingen	4/22
Einstein, Albert	Alfred Kleiner, Heinrich Burkhardt	1905	Zurich	5/132
Eistert, Bernd	Fritz Arndt	1927	Breslau	7/5
EI-Sayed, Mostafa Amr	Michael Kasha	1959	Florida State	5/62
Elbs, Karl	Adolf Claus	1880	Freiburg	5
Ellman, George Leon	H.K. Mitchell	1952	Cal Tech.	10/68
Emde, Hermann	E. Schmidt	1906	Marburg	5
Emmons, William David	Reynold C. Fuson	1951	Illinois	14/68
Erdmann, Hugo	Lehrers Fittig	1883	Strasbourg	5
Erlenmeyer, Richard August Carl Emil	Heinrich Will	1851	Giessen	5/1/31
Ernst, Richard R.	Hans Primas	1962	ETH	4
Eschenmoser, Albert	Leopold Ruzicka, Hans Rudolf Schinz	1951	ETH	1/10/37
Eschweiler, Wilhelm	K. Kraut	1889	Rostock	5
Etard, Alexandre Leon	Auguste Cahours	1880	Paris	5
Evans, Meredith Gwynne		1926	Manchester	101
Eyring, Henry	George Ernest Gibson	1927	UC Berkeley	2
Fahrenheit, Gabriel Daniel				
Fajans, Kasimir	Georg Bredig	1909	Heidelberg	8/73
Faraday, Michael				
Favorskii, Alexei Yevgrafovich	Alexandr M. Butlerov	1882	St. Petersburg	1/6/3
Fehling, Hermann Christian von	Justus Liebig	1837	Heidelberg	8/31
Feigl, Fritz	Wilhelm Schlenk	1920	Vienna	73/133
Fenske, Merrell Robert	P.K. Frolich	1928	MIT	11/109
Fenton, Henry John Horstman		1881 (MA)	Cambridge	5/11/119
Fermi, Enrico	Luigi Puccianti	1922	Pisa	5/2
Fétizon, Marcel Ernest Paul	Marc Julia	1952?	Ecole Norm.	16/68
Feynman, Richard Phillips	John Archibald Wheeler	1942	Princeton	11/8

Fick, Adolph Eugen		1851 (MD)	Marburg	5/3
Fieser, Louis Frederick	James B. Conant	1924	Harvard	1/2
Fieser, Mary Peters	Louis F. Fieser	1936 (MSc)	Harvard	1
Finkelstein, Hans	Johannes Thiele	1909	Strasbourg	61
Fischer, Emil Hermann	Adolf Baeyer	1874	Strasbourg	1/7/4/31
Fischer, Ernst Otto	Walter Hieber	1952	TH Munich	4
Fischer, Franz Joseph Emil	Karl Elbs	1899	Giessen	1/5/31
Fischer, Joseph Karl Anton		No Ph.D.	Leipzig	85
Fischer, Otto Philipp	Adolf von Baeyer	1874	Strasbourg	5
Fittig, Rudolph	Heinrich Limpricht	1858	Gottingen	1/5/3/37
Flory, Paul John	Herrick Lee Johnston	1934	Ohio State	4
Fock (Fok), Vladimir Alexandrovich		1934	Petrograd	3
Förster, Theodor	Erwin Madelung	1933	Leipzig	43
Foucault, Jean Bernard Léon				
Franck, James	Emil Gabriel Warburg	1906	Berlin	5
Fraunhofer, Joseph von				
Frémy, Edmond	Theophile Jules Pelouze	No degree	Ecole Polytech.	3/37
Fresnel, Augustin Jean				
Freund, Martin	A. W. Hofmann	1884	Berlin	5
Freytag, Curt	Eduard Buchner	1910	Breslau	89
Friedel, Charles	L. Pasteur/A. Wurtz	1869	Paris	5
Friedländer, Paul	Adolf Baeyer	1878	Munich	1/5/31
Friedrichs, Fritz Walter Paul		1929	Dresden	107/124
Fries, Karl Theophil	Theodor Zincke	1899	Marburg	1
Fritsch, Paul Ernst Moritz	Adolf Baeyer	1884	Munich	5/31
Frost, Arthur Atwater	Henry Erying	1934	Princeton	10/68
Fukui, Kenichi		1948 (eng.)	Kyoto	4
Gabriel, Siegmund	Robert Bunsen	1874	Heidelberg	5/31
Gaede, Max Paul Wolfgang	Franz Hilmstedt	1900	Freiburg	5/120
Galvani, Luigi		1762 (MD)	Bologna	8
Gamow, George		1928	Petrograd	3/12
Gattermann, Ludwig	Hans Hubner	1886	Gottingen	1/5

Gauss, Carl Friedrich		1799	Helmstedt	8
Gay-Lussac, Joseph Louis	Claude Louis Berthollet	1800 (MA)	Ecole Polytech.	8/37
Geiger, Hans Wilhelm	Eilhard Wiedemann	1906	Erlangen	5/12
Gerlach, Walter	Friedrich Paschen	1912	Tubingen	5/89
Gibbs, Josiah Willard		1863	Yale	2
Gilbert, Walter	Abdus Salam	1957	Cambridge	4
Girard, André				
Glaser, Carl	Adolf Strecker	1864	Tubingen	60/5
Gmelin, Leopold	Joseph Franz Jacquin, Friedrich Stromeyer	1812	Gottingen	3/37
Goeppert-Mayer, Maria	Max Born	1930	Gottingen	12
Gold, Heinrich	Hans Meerwein	1939	Marburg	107
Goldschmidt, Carl	Eugen Bamberger	1891	Munich	31
Goldstein, B.N.				
Gomberg, Moses	Albert B. Prescott	1894	Michigan	1/2/31
Gooch, Frank Austin	Josiah P. Cooke	1877	Harvard	95/37
Gouy, Louis Georges		1879	Paris	5
Graham, Thomas		1826 (MA)	Glasgow	73
Graham, William Hardin	John E. Leffler	1958	Florida State	14
Griffin, John Joseph				
Grignard, Victor François Auguste	Philippe Barbier	1901	Lyons	4/37
Grisdale, Patrick J.	M.J.S. Dewar	1959/60	London	94
Grob, Cyril A.	Leopold Ruzicka	1942	ETH	5
Gross, Philipp	Alfons Klemenc	1923	Vienna	5
Grotrian, Walter Robert Wilhelm	Hermann Th. Simon	1914	Gottingen	5
Grotthuss, Theodor Christian				
Grunwald, Ernest Max	Saul Winstein	1947	UCLA	10/40
Guggenheim, Edward Armand	Ralph H. Fowler	1925	Cambridge	13
Haack, Albrecht	Otto Fischer, A. Vilsmeier	1926	Erlangen	70
Haber, Fritz	C. Liebermann	1891	Berlin- Charlottenberg	4

Haldane, John Burdon Sanderson		1919 (MA)	Oxford	13/115
Hall, Edwin Herbert	Henry A. Rowland	1880	Johns Hopkins	5
Hamilton, Sir William Rowan				
Hammett, Louis Plack	Hal Trueman Beans	1922	Columbia	1/2
Hammick, Dalziel Llewellyn	Otto Dimroth	1910	Munich	13
Hammond, George Simms	Paul Doughty Bartlett	1947	Harvard	1/10
Hanes, Charles Samuel	F.F. Blackman	1929	Cambridge	13
Hansch, Corwin Herman	H.G. Lindwall	1944	NYU	10/55
Hantzsch, Arthur Rudolf	Rudolf Schmitt	1880	Wurzburg	5
Harries, Carl Dietrich	Ferdinand Tiemann	1890	Berlin	5
Hartree, Douglas Rayner	Ralph H. Fowler	1926	Cambridge	3
Hasselbalch, Karl Albert		MD		
Hauser, Charles Roy	George Hopkins Coleman	1928	Iowa	1/11
Haworth, Sir Walter Norman	Otto Wallach, William H. Perkin	1910 1911	Göttingen Manchester	1/4/37
Heck, Richard Fred	Saul Winstein	1954	UCLA	1/10/68
Heisenberg, Werner Karl	A. Sommerfeld	1923	Munich	5
Heitler, Walter Heinrich	KF Herzfeld	1926	Munich	5/13
Hell, Carl Magnus von	Hermann von Fehling	1872	Heidelberg	5
Hellmann, Hans Gustav Adolf	Erich Regener	1929	Stuttgart	5
Helmholtz, H Ludwig Ferdinand von	Johannes Muller	1842 (MD)	Berlin	3
Hempel, Walter Mathias	Robert Bunsen	1872 (MD) 1873	Leipzig Heidelberg	5/37
Henderson, Lawrence Joseph		1902 (MD)	Harvard	5
Henry, Joseph				
Henry, Louis		1855	Lowen	5
Henry, William		1807 (MD)	Edinburgh	3
Hepp, Eduard	Adolf von Baeyer	1873/4	Strasbourg	5/73
Herkstroeter, William G.	George S. Hammond	1966	Cal Tech.	10
Hershberg, Emanuel Benjamin	Ernest H. Huntress	1933	MIT	14/109
Hertz, Heinrich Rudolf	Herman von Helmholtz	1880	Berlin	5/8/3

Hess, Germain Henri		1825 (MD)	Dorpat	3
Heyns, Kurt Fritz	Dr. Abderhalden	1932	Halle	89/107
Hickman, Kenneth Claude Devereux		1925	London	11
Hilbert, Peter	Dietmar Seyferth	1970? No Ph.D.	MIT	68
Hildebrand, Joel Henry	Edgar Fahs Smith	1906	Penn.	2/37
Hill, Archibald Vivian	Walter M. Fletcher	1909 (MA)	Cambridge	13/37
Hinshelwood, Sir Cyril Norman	Harold Brewer Hartley	1920 (BA)	Oxford	4/13/37
Hirsch				
Hoesch, Kurt	Emil Fischer	1911	Berlin	1/5/31
Hoffmann, Roald	M. Gouterman, W. Lipscomb	1962	Harvard	4
Hofmann, August Wilhelm von	Justus Liebig	1841	Giessen	7/3/31
Hofstee, Barend Hendrik Jan		1949	Groningen	14
Holness, N.J.	Saul Winstein	1953?	UCLA	40
Holzman, George	Arthur C. Cope	1948	Cal Tech	10/68
Hoogsteen, Karst	E.L. Eichhorn	1957	Groningen	14/68
Hooke, Robert				
Hooker, Samuel Cox	Eugen Bamberger	1885	Munich	31
Horner, Leopold	Heinrich Wieland	1937	Munich	5
Hosomi, Akira	Hideki Sakurai	1967?	Kyoto	68
Houben, Josef	Julius Bredt	1898	Bonn	5/31
Hubble, Edwin Powell		1917	Chicago	2
Hückel, Erich Armand Arthur Joseph	Peter Debye	1921	Gottingen	5/1
Huggins, Maurice Loyal	Charles W. Porter	1922	Berkeley	14/40/123
Humphreys, Curtis Judson	William F. Meggers	1928	Michigan	14/68
Hund, Friedrich Hermann	Max Born	1922	Gottingen	5
Hünig, Siegfried Helmut	Wolfgang Langenbeck	1943	TH Dresden	5/72
Hunsdiecker, Clare (nee Dieckmann)	Robert Wintgen	1928	Cologne	1/105

Hunsdiecker, Heinz	Robert Wintgen	1929	Cologne	1
Hush, Noel Sydney	Meredith G. Evans	1959	Manchester	68/106
Huygens, Christiaan				
Ingold, Sir Christopher Kelk	Sir J.F. Thorpe	1923	London	1/13/106
Ireland, Robert Ellsworth	William S. Johnson	1954	Wisconsin	10/37
Ising, Ernst	W. Lenz	1924	Hamburg	89/107
Jablonski, Alexander	S. Pienkowski	1930	Warsaw	5
Jacobsen, Eric Niels	Robert G. Bergman	1986	UC Berkeley	37
Jahn, Hermann Arthur	B.L. von der Werden	1935	Leipzig	89/107
Japp, Francis Robert	Robert Bunsen	1875	Heidelberg	5
Jaynes, Edwin Thompson	Eugene P. Wigner	1951	Princeton	10/68/80
Jeans, Sir James Hopwood		1903	Cambridge	15
Jeffreys, Sir Harold		1913	Cambridge	8
Jencks, William Platt	Fritz Lipmann, Robert B. Woodward	1951(MD)	Harvard	12
Johnson, John Bertrand				
Johnson, William Summer	Louis F. Fieser	1940	Harvard	1/14
Jones, Sir Ewart Ray Herbert	John Lionel Simonsen	1936	Wales	1/27/106
Josephson, Brian David	A.B. Pippard	1964	Cambridge	10/139
Joule, James Prescott				
Julia, Marc	E.R.H. Jones	1948	Imperial Coll.	63/68
Kalle, Wilhelm Ferdinand	Otto Fischer	1895	Erlangen	5
Kamlet, Mortimer Jacob	Donald J. Glover	1954	Maryland	14/68
Kaptein, R.				
Karplus, Martin	Linus Pauling	1953	Cal Tech.	10/37
Karstedt, Bruce D.				
Kasha, Michael	Gilbert N. Lewis	1945	UC Berkeley	10/68
Kassel, Louis Stevenson	Noyes, W.A., Jr.	1927	Chicago	14/68
Kekulé von Stradonitz, F August	Heinrich Will	1852	Giessen	3/31
Kelvin of Largs, William Thomson		1845	Cambridge	11
Kemp, Daniel Schaeffer	Robert B. Woodward	1964	Harvard	10/37
Kerr, John	Lord Kelvin	1868	Glasgow	5/8

Khand, Ihsan U.	Peter L. Pauson	1969?	Strathclyde	68
Kharasch, Morris Selig	Jean F. Piccard	1919	Chicago	2/37
Kiliani, Heinrich	Emil Erlenmeyer	1880	Munich	5/1
Kim, Choung Un	John F.W. Keana	1970	Oregon	68/82
King, Edward Louis	Wendell M. Latimer	1945	UC Berkeley	10/112
Kirchhoff, Gustav Robert		1847	Konigsberg	3
Kirkwood, John Gamble	Frederick G. Keyes	1929	MIT	3/11/37
Kishner (Kizhner), Nikolai Matveevich	Vladimir Markovnikov	1901	Moscow	6/1/29/73
Klein, Christian Felix	Julius Plucker	1868	Bonn	5/37
Klingemann, Felix	A.W. Hofmann	1887	Bonn	89
Knoevenagel, Heinrich Emil Albert	Viktor Meyer	1889	Gottingen	1/5/121
Knorr, Ludwig	Emil Fischer	1882	Erlangen	1/5/31/73
Knudsen, Martin Hans Christian	C. Christiansen	1892+	Copenhagen	20
Koch, Julius Arnold				
Kochi, Jay Kazuo	George S. Hammond	1952	Iowa State	10/68
Koelsch, Charles Frederick	S.M. McElvain	1931	Wisconsin	14/56
Kohlrausch, Friedrich Wilhelm Georg	Wilhelm Weber	1863	Gottingen	5/3
Kohlrausch, Rudolf Hermann Arndt	Math. & physics teacher at various schools in Germany	pre 1857	Wurzburg	5/11
Kolbe, Adolphe Wilhelm Hermann	Friedrich Wohler, Robert Bunsen	1843	Gottingen	3/8/37
König, Walter Georg		1903 (Dr. Ing.)	Dresden	5
Koopmans, T.				
Koppel, Ilmar A.	V. A. Palm	1969	Tartu U	34/68
Koser, Gerald Franklin	William H. Pirkle	1968	Illinois	66/68
Kosower, Edward Malcolm	Saul Winstein	1952	UCLA	10/59
Kramers, Hendrik Anthony	Paul Ehrenfest	1916	Leiden	3
Krebs, Sir Hans Adolf	Otto Warburg	1925 (MD), 1929	Freiburg, Kaiser Wilhelm Inst. Berlin	1/13
Kulinkovich, Oleg G.	I.G. Tishchenko	1975	Belorus. Gos.	68

Ladenburg, Albert	Robert Bunsen	1863	Heidelberg	3/53
Lambert, Johann Heinrich				
Landé, Alfred	Arnold Sommerfeld	1914	Munich	5/72
Landolt, Hans Heinrich	Karl Lowig	1853	Breslau	3
Langevin, Paul	Pierre Curie	1902	Sorbonne	3/8/12
Langmuir, Irving	Walther Nernst	1906	Gottingen	4/2
Laporte, Otto	William F. Meggers	1924	Munich	5/68
Lapworth, Arthur	Frederic Stanley Kipping	1895	Birmingham	1/15
Larmor, Sir Joseph		1880	Cambridge	3
Laue, Max Theodor Felix von	Max Planck	1903	Berlin	3
Laurent, Augustin		1837		73
Lauth, Charles	Gerhardt		Strasbourg	73
Lavoisier, Antoine Laurent	Guillaume F. Rouelle	1764 (LLB)	Paris	37
Lawesson, Sven-Olov	Arne Fredga		Uppsala	1
Lawrence, Ernest Orlando	William Francis Gray Swann	1925	Yale	2
Lazier, Wilbur Arthur	Homer B. Adkins	1925	Wisconsin	14/68
Le Châtelier, Henri Louis	Francois E. Mallard, Henri E. Ste-Claire Deville	1873	Ecole des Mines	3/37
Lee, Chengteh	Robert G. Parr	1987	Chapel Hill	77
Leffler, John Edward	Robert B. Woodward	1948	Harvard	10/44
Lemieux, Raymond Urgel	Clifford B. Purves	1946	McGill	1/10
Lennard-Jones, Sir John Edward	Ralph H. Fowler	1924	Cambridge	13/8
Lenz, Heinrich Friedrich Emil		1823	Dorpat	3
Lessing, Rudolf	Richard Willstatter	1902	Munich	31
Leuckart, Carl Louis Rudolf Alexander		1879	Leipzig	31
Levenberg, Milton Irwin	J.H. Richards	1965	Cal Tech.	10/68
Lever, A. Barry P.	John Arthur Elvidge	1960	Imp. Coll.	10/68/40
Lewis, Gilbert Newton	Theodore W. Richards	1899	Harvard	1/15
Lewis, Winford Lee		1909	Chicago	96
Liebig, Justus Freiherr von	Karl Friedrich Wilhelm	1822	Erlangen	3/37

	Gottlob Kastner			
Lindlar, H. H. M.				
Lineweaver, Hans	Dean Burk	1936	Johns Hopkins	14/68
Lissajous, Jules Antoine		1847	Ecole Norm.	3
Löffler, Karl		1903	Breslau	5
London, Heinz	Franz Eugen Simon	1934	Breslau	3
London, Fritz Wolfgang	no supervisor	1921 (Dr. Phil.)	Munich	3
Lorentz, Hendrik Anton		1875	Arnhem/Utrecht	3/12
Lorenz, Ludwig Valentin		civ. eng.	Tech. Denmark, Copenhagen	3
Löschmidt, Johann Josef	Josef Stefan (mentor)	1843, 1856 (teacher qualification)	German U, Prague	3
Lossen, Wilhelm Clemens	Friedrich Wohler	1862	Gottingen	5/73
Lowry, Thomas Martin	Henry E. Armstrong	1899	London	5/13/37
Lupton, Elmer Cornelius, Jr.	Undergrad. Student of C. S. Swain; Kenneth B. Wiberg	1969	Yale	74 91
Lyman, Theodore	John Growbridge	1900	Harvard	3/75/137
Mach, Ernst	A. von Ettingshausen	1860	Vienna	5/3/133
Madelung, Erwin	Hermann Th. Simon	1905	Gottingen	5/86
Maehr, Hubert	Carl P. Schaffner	1964	Rutgers U	10/68
Maillard, Louis Camille				
Malus, Etienne Louis		1796 (no Ph.D.)	Ecole Polytech.	3
Mannich, Carl	Hermann Thoms	1903	Basel	1/5
Marcus, Rudolph Arthur	Carl Arthur Winkler	1946	McGill	4
Markovnikov, Vladimir Vasilevich	Alexandr M. Butlerov	1865	Kazan	6/5/26
Marquardt, Donald Wesley		1956 (MA)	Delaware	10
Marschalk, Charles Henri	Stanislaus von Kostanecki	1910	Bern	5
Martin, James Cullen	Paul D. Bartlett	1956	Harvard	14/37

Martius, Carl Alexander	Justus Liebig	1862 (no Ph.D.)	Munich	5/73
Martynoff, V.F.				
Massieu, M.F.				
Maxam, Allan Marshall	Walter Gilbert	1980	Harvard	68/83
Maxwell, James Clerk		1854	Cambridge	3
McCombie, Stuart W.	A.H. Jackson	1972/3	Liverpool	94/116
McFadyen, John S.				
McLafferty, Fred Warren	William T. Miller	1950	Cornell	10/37
McLeod, Herbert				
McMurry, John Edward	Gilbert Stork	1967	Columbia	10/37
Meerwein, Hans Lebrecht	Georg Schroeter	1903	Bonn	1/5
Meisenheimer, Jakob	Johannes Thiele	1898	Munich	1/5/31
Meissner, Fritz Walther	Max Planck	1907	Berlin	89
Meitner, Lise	Ludwig Boltzmann	1906	Berlin	8/13
Meldrum, Andrew Norman	Francis Robert Japp	1904	Aberdeen	5/128
Mendeleyev, Dmitri Ivanovich	N.N. Zinin	1865	St. Petersburg	5/3/17
Menshutkin, Nikolai Aleksandrovich	D.I. Mendeleev	1869	St. Petersburg	5/28
Menten, Maud Leonora	Albert Prescott Mathews	1916	Chicago	18
Merrifield, Robert Bruce	Max Dunn	1949	UCLA	4/1
Merz, Viktor	Georg Städeler (teacher)	1864	Zurich	5/132
Meyer, Kurt Heinrich	Arthur Hantzsch	1907	Leipzig	1/5/31
Meyer, Viktor	Robert Bunsen	1867	Heidelberg	5/3/31
Michael, Arthur	A.W. Hofmann Robert Bunsen Adolphe Wurtz D. Mendeleev	1871 1872 1879 1880 No degree	Berlin Heidelberg Paris St. Petersburg	7/73
Michaelis, August Karl Arnold				
Michaelis, Leonor		1897 (MD)	Freiburg	2
Michelson, Albert Abraham		1873	U.S. Naval Acad.	2/13

Michler, Wilhelm Traugott	Viktor Meyer	1874	Zurich	45
Midland, Michael Mark	Herbert C. Brown	1972	Purdue	10/68
Miescher, Karl	Hermann Staudinger	1918	ETH	132
Miller, Wilhelm von	Emil Erlenmeyer	1874	Munich	5/122
Miller, William Hallows		1841 (MD)	Cambridge	103
Millikan, Robert Andrews	Michael Pupin	1895	Columbia	2
Mitsunobu, Oyo				
Moffatt, John Gilbert	H.G. Khorana	1956	UBC	10/68
Mohr, Carl Friedrich		pharmacy		3
MØller, Christian		1932	Copenhagen	99
Moore, Harold Wesley	H.R. Snyder	1963	Illinois	10/68
More O'Ferrall, Rory Anthony	John Howard Ridd	1962	UC London	35/63/68/106
Morley, Edward Williams		1864 (MA)	Williams Coll.	12
Morse, Philip McCord	Karl Taylor Compton	1927	Princeton	2
Moseley, Henry Gwyn Jeffreys		1913 (MA)	Oxford	5/11/115
Mosher, Harry Stone	Frank Clifford Whitmore	1942	Penn State	1/10/37
Mössbauer, Rudolf Ludwig	Heinz Maier-Leibnitz	1958	TU Heidelberg	8
Muetterties, Earl Leonard	Eugene George Rochow	1952	Harvard	2/37
Mukaiyama, Teruaki	Toshio Hoshino	1952?	Tokyo Inst. Tech.	68
Müller, Wilhelm	Wilhelm Ostwald	1906	Leipzig	89
Mulliken, Robert	William D. Harkins	1921/2	Chicago	4/37
Murahashi, Shun-Ichi	Ichiro Moritani	1967	Osaka	63/68/96
Nametkin, Sergei Semenovich		1917	Moscow	3/73
Napieralski, Bernhard		1893	Basel	107
Nathan, Wilfred S.				
Natta, Giulio		1924 (civil eng.)	Milan Poly.Inst.	4
Navier, Claude Louis Marie Henri				
Nazarov, Ivan Nikolaevich	A. Favorskii	1941	Leningrad State	6/25
Neber, Peter W.	Otto Fischer	1911	Erlangen	5/68
Néel, Louis Eugène Félix	Pierre Ernest Weiss	1932	Strasbourg	10
Nef, John Ulric	Adolf Baeyer	1886	Munich	1/2/31

Nernst, Hermann Walther	F. Kohlrausch	1887	Wurzburg	4
Nevile, R.H.C.				
Newman, Melvin Spencer	Rudolph J. Anderson	1932	Yale	1/2
Newton, Sir Isaac		1668 (MA)	Cambridge	3
Nicol, William				
Nieuwland, Julius Arthur		1904	Holy Cross Coll.	3
Nishimura, Shigeo				
Norrish, Ronald George Wreyford	Eric Keightley Rideal	1924	Cambridge	4/13/37
Noyori, Ryoji	Hitosi Nozaki	1967	Kyoto	19
Nozaki, Hitosi				
Nyquist, Harry				
Ohm, Georg Simon	unknown	1811	Erlangen	3/125
Olah, George Andrew	Geza Zemplen	1949	Tech.Budapest	1/10
Olsen, Fredric Phillip	Joseph F. Bunnett	1964	Brown	14/68
Onsager, Lars	Peter Debye	1928	Norges TH	4
Oppenauer, Rupert V.	Leopold Ruzicka, Thadeus Reichstein	1934	Zurich	87/132
Oppenheimer, Julius Robert	Max Born	1927	Gottingen	13/2
Oppolzer, Wolfgang	Vladimir Prelog	1964	ETH	63/68
Ostwald, Friedrich Wilhelm	Carl Schmidt, Johann Lemberg	1877/8	Dorpat	4/5/37
Overhauser, Albert Warner	Charles Kittel	1951	UC Berkeley	10/36
Paal, Carl	Emil Fischer	1884	Erlangen	46
Pake, George Edward	Edward M. Purcell	1948	Harvard	10
Palm, Viktor Alekseevich				
Parr, Robert Ghormley	Bryce L. Crawford	1947	Minnesota	68/10
Pascal, Blaise				
Paschen, Louis Carl Heinrich F	August Kundt	1888	Berlin	3
Pasteur, Louis	Antoine Jerome Balard	1847	Ecole Norm.	3
Pauson, Peter Ludwig	Geoffrey Wilkinson	1954	Harvard	68
Paternó, Emanuele, Marquis di Sessa		1871	Rome	5

Pauling, Linus Carl	Roscoe G. Dickinson	1925	Cal Tech	4/37
Pauli, Wolfgang	Arnold Sommerfeld	1922	Munich	3/13
Payne, George Bernson	Henry Rapoport	1950	UC Berkeley	14/68
Pearlman, W.M.				
Pearson, Ralph Gottfrid	Ward Vinton Evans	1943	Northwestern	10/37
Pechmann, Hans von	Heinrich Limpricht	1875	Greifswald	37/31/5
Peltier, Jean Charles Athanase				
Penning, Frans Michel				
Perkin, Sir William Henry	A.W. Hofmann	1850's	Roy. Coll. Sci., London	3
Peterson, Donald J.	Henry Gilman	1962	Iowa State	10/68
Petit, Alexis Thérèse	Pierre Dulong	1811	Ecole Polytech.	8/135
Peyrone, Michel	Jean Baptiste Dumas; Justus Liebig	1839 – 42 1842 – 44	Paris Giessen	129
Pfitzner, K.E.	John Gilbert Moffatt	No Ph.D.		
Pfund, August Herman	Joseph Sweetman Ames	1906	Johns Hopkins	75/111
Piloty, Oskar	Emil Fischer	1890	Wurzburg	5
Pirani, Marcello Stefano	Emil Warburg	1904	Berlin- Charlottenburg	20/5
Piria, Raffaele	Jean Baptiste Dumas		Paris	
Planck, Max Karl Ernst Ludwig	unknown	1879	Munich	15/122
Plesset, Milton Spinoza				
Pockels, Friedrich Karl Alwin	Waldemar Voigt	1888	Gottingen	5/121
Poiseuille, Jean Léonard Marie		1828	Ecole Norm.	3
Polanyi, Michael	Georg Bendig	1915/7	Budapest	13/37
Polonovski, Max	Arthur Hantzsch	1888	ETH	5
Ponndorf, Wolfgang	E. Beckmann/S. Gabriel	1918	Berlin	89
Poynting, John Henry		1879 (MA)	Cambridge	5/3/119
Prelog, Vladimir	Emil Votocek	1929	Prague	1/4
Prilezhaev, Nikolai Aleksandrovich		1911? 1912 (prof.)	Warsaw St. Petersburg	73/100
Prins, Hendrik Jacobus	J. Boeseken	1912		5

		(Dr. Eng.)		
Proust, Joseph Louis	Guillaume F. Rouelle	177?	Paris	73
Pummerer, Rudolf	Otto Dimroth Richard Willstätter	1905	Munich	1/5/31
Raman, Sir Chandrasekhara Venkata		1907 (MA)	Pres. Coll. Madras	13
Ramberg, Ludwig				
Raney, Murray		1909 (BSc)	Kentucky	73
Rankine, William John Macquorn		1838 (no deg.)	Edinburgh	3
Raoult, François Marie		1863	Paris	8
Raschig, Friedrich August Fritz		1885	Berlin	73
Ratcliffe, Ronald William	Clayton H. Heathcock	1970	UC Berkeley	81/112
Rayleigh, Lord John William Strutt	J.J. Thomson	1865 (no Ph.D.)	Cambridge	15/8
Reaumur, Rene-Antoine Ferchault de				
Ramsperger, Herman Carl	Porter, Charles W.	1925	UC Berkeley	108/5/68
Redfield, Alfred Guillou	Robert J. Maurer	1953	Illinois	10/68/40
Redlich, Otto	Philipp Gross	1922	Vienna	5/68
Reformatskii, Sergei	Aleksandr Saytzeff	1890	Warsaw	6/5
Regitz, Manfred	Bernd Eistert	1962	Saarbrücken	47/63
Rehm, Dieter	Albert Weller	1965	TH Stuttgart	68/72
Reichardt, Christian	Karl Dimroth	1962	Philipps U	67/72
Reimer, Karl Ludwig	A.W. Hofmann	1878	Berlin	7/5
Reinecke, Albert	Friedrich Beilstein	1865	Gottingen	107/121
Renner, Rudolf	Edward Teller	1934	Gottingen	89/107
Reynolds, Osborne		1870 (MA)	Cambridge	3/119
Rice, Oscar Knefler	Gibson, G.E.	1926	UC Berkeley	2/14/68
Richter, Charles Francis	Paul Epstein	1928	Cal Tech	75/126
Richter, Victor von		1872	St. Petersburg	31/73
Rieke, Reuben Dennis	Howard E. Zimmerman	1966	Wisconsin-	10/68

			Madison	
Ringer, Sydney		1863 (MD)	UC London	3
Ritchie, Calvin Donald	William Frederick Sager	1960	George Washington	10/117
Ritter, John Joseph	Marston Taylor Bogert	1924	Columbia	1/14
Ritz, Walter	Woldemar Voigt	1902	Gottingen	3
Robinson, Sir Robert	William H. Perkin, Jr.	1909	Manchester	1
Röntgen, Wilhelm Conrad	August Kundt	1869	Polytech. Zurich	3
Roothaan, Clemens Carel Johannes	Robert S. Mulliken	1950	Chicago	14/37
Rosenmund, Karl Wilhelm	Otto Diels	1906	Berlin	1/5
Ruff, Otto	Oscar Piloty	1897	Berlin	5/1/31
Rupe, Hans	Adolf Baeyer	1889	Munich	5/31
Russell, Henry Norris	A.C. Young	1900	Princeton	2
Rutherford, Ernest, Lord	J.J. Thomson	1897	Cambridge	5/22
Rydberg, Johannes Robert		1879	Lund	5
Sakurai, Hideki				
Sandmeyer, Traugott	V. Meyer, A. Hantzsch	1891	Heidelberg	1/5
Sanger, Frederick	A. Neuberger	1943	Cambridge	4
Sarett, Lewis Hastings	Everett S. Wallis	1942	Princeton	1/14
Saunders, Frederick Albert	Henry A. Rowland	1899	Johns Hopkins	2
Savart, Félix		1816 (MD)	Strasbourg	3
Saytzeff, Alexander Mikhailovich	Hermann Kolbe A.M. Butlerov	1866 1870	Leipzig Kazan	6
Scatchard, George	Marston Taylor Bogert	1916	Columbia	2
Schaad, Lawrence Joseph	C.G. Swain	1957	MIT	10/57
Schachtschneider, Jerry H.	Bryce L. Crawford	1959	Minnesota	79/113
Schaeffer, Ernst	Friedrich Arthur Kötze	1912	Gottingen	104
Schenck, Günther Otto	Karl Ziegler	1939	Halle	88/98
Schiemann, Günther Robert Arthur		1925	TH Breslau	73
Schiff, Hugo Joseph	Friedrich Wohler	1857	Gottingen	3
Schlenk, Wilhelm	Oskar Piloty	1905	Munich	5/31

Schlosser, Manfred	Georg Wittig	1960	Heidelberg	48
Schmidt, Erhardt	David Hilbert	1905	Gottingen	3
Schmidt, J. Gustav				
Schmidt, Karl Friedrich	Robert Stolle	1912	Heidelberg	7/5
Schmitt, Rudolf	Adolphe Kolbe	1861	Marburg	5/73
Schneider, Abraham	Paul D. Bartlett	1944	Harvard	14
Schott, Otto Friedrich		1875	Jena	3
Schotten, Carl Ludwig Johannes	A.W. Hofmann	1878	Berlin	5/1
Schottky, Walter Hans	Max Planck	1912	Berlin	5
Schrock, Richard Royce	John Anthony Osborn	1971	Harvard	10/68
Schrödinger, Erwin	Friedrich Hasenohrl	1910	Vienna	3
Schuster, Kurt Eduard	Kurt H. Meyer	1922	Munich	89/122
Schwartz, Jeffrey	Eugene E. van Tamelen	1970	Stanford	10/68
Scott, Carleton Browne	Charles G. Swain	1952	MIT	14
Seaborg, Glenn Theodore	George Ernest Gibson	1937	UC Berkeley	4/12/37
Seebeck, Thomas Johann		1802 (MD)	Gottingen	3
Seitz, Frederick	Eugen Wigner	1934	Princeton	12
Seyferth, Dietmar	Eugene G. Rochow	1955	Harvard	10/37/68
Shannon, Claude Elwood	Vannevar Bush	1940	MIT	10/32
Shapiro, Robert Howard	Robert B. Woodward	1964	Stanford	10/40
Sharpless, Karl Barry	Eugene van Tamelen	1968	Stanford	1/10/37
Sheibley, Fred Easley	C.F. Prutton	1939	Case Western	14
Shoolery, James Nelson	R.G. Shulman	1952	Cal Tech.	10/68
Siebrand, Willem	G.J. Hoijtink	1963	Amsterdam	10/127
Siemens, Carl Wilhelm				
Simmons, Howard Ensign, Jr.	Arthur C. Cope, John D. Roberts	1954	MIT	1/14
Skraup, Zdenko Hans	Heinrich Will	1875	Giessen	5/138
Slater, John Clarke	Percy Williams Bridgman	1924	Harvard	2
Smiles, Samuel	James Wallace Walker	1901	UC London	15
Smith, Ronald Dean	Arthur C. Cope	1955	MIT	1
Smoluchowski, Marian	Josef Stefan, F. Exner	1895	Vienna	3

Snatzke, Günther	E. Ziegler	1953	Graz	49
Snell, Willebrord van Roijen				
Solvay, Ernest				
Sommelet, Marcel		1901 (Lic.) 1902 (Pharm.)	Faculte des Sciences, Paris	50
Sommerfeld, Arnold Johannes Wilhelm	Carl Louis Ferdinand Lindemann	1891	Konigsberg	3/37
Sørensen, Søren Peter Lauritz	Sophus Mads Jorgensen	1899	Copenhagen	3/73
Soxhlet, Franz von		1872	Leipzig	5
Stark, David D.				
Stark, Johannes	Eugen von Lommel	1897	Munich	3/122
Staudinger, Hermann	Daniel Vorlaender	1903	Halle	1/4
Stedman, Donald Frank				
Stefan, Josef		1857 (lecturer)	Vienna	3
Stephen, Henry				
Stern, Otto	Otto Sackur	1916	Breslau	2
Stetter, Hermann	Burkhardt Helferich	1947	Bonn	72
Stevens, Thomas Stevens	William Henry Perkin, Jr.	1925	Oxford	106/115
Still, W. Clark, Jr.	David J. Goldsmith	1972	Emory U	10/68
Stille, John Kenneth	Carl S. Marvel	1957	Illinois	14/51
Stobbe, Johann Hans H August Adolph	Johannes Wislicenus	1889	Leipzig	5/7
Stokes, Sir George Gabriel		1841, 1874	Cambridge, Heidelberg	3/5
Stork, Gilbert	S.M. McElvain	1945	Wisconsin	1/10
Strecker, Adolf Friedrich Ludwig	Justus Liebig	1842	Giessen	1/31
Suzuki, Akira	Takeshi Matsumoto	1959	Hokkaido U	38/40
Svedberg, Theodor	no supervisor	1907	Uppsala	4
Swain, Charles Gardner	Paul D. Bartlett	1944	Harvard	14/37
Swern, Daniel	J.T. Scanlon	1940	Maryland	1/14

Taft, Robert Wheaton, Jr.	Melvin S. Newman	1949	Ohio State	1
Tait, Peter Guthrie				
Taube, Henry	William C. Bray	1940	UC Berkeley	4
Tebbe, Frederick Nye	Riley O. Schaeffer	1963	Indiana	78/110
Teller, Edward	Werner Heisenberg	1930	Leipzig	10
Tesla, Nikola		1879+ (no deg.)	Prague	3
Thiele, Friedrich Karl Johannes	Jacob Volhard	1890	Halle	5/3/31/37
Thomson, John Joseph	Edward John Routh	1880 (BA)	Cambridge	3/37
Thornton, Edward Ralph	Charles G. Swain	1959	MIT	10/37
Thorpe, Sir Jocelyn Field	Karl von Auwers	1895	Heidelberg	1
Tiemann, Johann Karl Wilhelm Ferdinand	A.W. Hofmann	1870	Berlin	7/11/37
Tiffeneau, Marc Émile Pierre Adolphe	Marcel Sommelet		Ecole Pharm.	1/11/50
Tishchenko, Vyacheslav E.	A.M. Butlerov	1884	St. Petersburg	64
Tollens, Bernhard Christian Gottfried	Friedrich Wohler	1873	Göttingen	1/5/73
Torricelli, Evangelista				
Townsend, Sir John Sealy Edward	J.J. Thomson	no Ph.D. (demonstrator)	Cambridge	13
Troger, Carl Julius Ludwig		1887	Leipzig	5
Tropsch, Hans		1913 (Dr. Eng.)	Prague	1/5
Tsuiji, Jiro	Gilbert Stork	1960	Columbia	40
Tsuno, Yuho		1959	Osaka	63
Turner, Arthur Francis	Peter Pringsheim	1935	Berlin	14/72
Tyndall, John				
Ugi, Ivar Karl	Rolf Huisgen	1954	Munich	63/68/98
Ullmann, Fritz	Charles Graebe	1895	Lausanne	5/136
Van Allen, James Alfred	Edward P.T. Tyndall	1939	State U of Iowa	10/12/39

Van der Waals, Johannes Diderik		1873	Leiden	5
Van Vleck, John Hasbrouck	Edwin Crawford Kemble	1922	Harvard	2/13
Van't Hoff, Jacobus Henricus	E. Mulder	1874	Utrecht	4/22
Vavilov, Sergey Ivanovich		1914	Moscow U	100
Vedejs, Edwin	Hans Muxfeldt	1966	Wisconsin-Madison	10/40/68
Verdet, Marcel Émile				
Verley, A.				
Vernier, Pierre				
Viehe, Heinz Gunter	Ferdinand Bohlmann	1955	Berlin	63/68
Vigreux, Henri				
Villager, Victor	Adolf Baeyer	1893	Munich	1/7/31
Vilsmeier, Anton	Otto Fischer	1924	Erlangen	70
Volhard, Jacob	Heinrich Will	1855	Giessen	7/5/31/37
Volkenstein, Mikhail Vladimirovich		1935	Moscow State U	97
Volmer, Max	Karl Schaum	1910	Leipzig	5
Volta, Alessandro Giuseppe Anastasio				
von Rudloff, Ernst Max		1953	Pretoria	14
Wacker, Leonhard	Otto Fischer	1888	Erlangen	5/31
Wadsworth, William S., Jr.	C.O. Jensen	1956	Penn. State	14/114
Wagner (Vagner), Georg	A. Saytzeff, A. Butlerov	1874 1888	Kazan Warsaw	6/1/3
Walden, Paul	Friedrich Ostwald Carl A. Bischoff	1891	Leipzig	5/3/31
Wallach, Otto	Hans J.A.E. Hubner	1869	Gottingen	5/4/37
Walsh, Arthur Donald	W.C. Price	1941	Cambridge	13
Wanzlich, Hans Werner	Helmut Scheibler	1951	TU Munich	68/5
Watson, James Dewey	Salvador Edward Luria	1950	Indiana	1/10
Watt, James				
Wawzonek, Stanley	Charles F. Koelsch	1939	Minnesota	14/56
Weber, Wilhelm Eduard	Johann C.S. Schweigger	1826	Halle	3/37

Weiss, Pierre Ernest		1896	Ecole Norm. Sup.	3
Weiss, Ulrich	Hans Waldmann	1930	Prague	14/68
Weller, Albert Hermann	Gustav Kortum	1950	Tubingen	21
Wenker, Henry				
Wentzel, Georg	Arnold Sommerfeld	1921	Munich	5/3
Werner, Alfred	Arthur Hantzsch	1890	ETH	4
Wessely, Friedrich	A. Franke	1922	Vienna	132
West, R.				
Westheimer, Frank Henry	James B. Conant	1935	Harvard	1/10
Wharton, Peter Stanley	Harry H. Wasserman	1959	Yale	10/68
Wheatstone, Sir Charles				
Wheland, George Willard	James B. Conant	1932	Harvard	14/68
Widmer, Gustav	Emil Bosshard	1923	ETH	132
Wiechell, Heinrich G.	August Michaelis	1894	Rostock	89/134
Wieland, Heinrich Otto	Johannes Thiele	1901	Munich	1/4/31
Wieland, Peter	Leopold Ruzicka	1946	ETH	132
Wien, Wilhelm Carl Werner	Hermann von Helmholtz	1886	Berlin	3/12
Wiener, Norbert	Karl Schmidt	1913	Harvard	2
Wigner, Eugene Paul	Michael Polanyi	1925	TH Berlin	2/5
Wilkinson, Sir Geoffrey	Henry Vincent Aird Briscoe	1946	Imperial Coll. London	4/22/37
Willgerodt, Conrad	Adolf Karl Ludwig Claus	1875	Freiburg	5/120
Williams, Robert M.	William H. Rastetter	1979	MIT	65/40
Williamson, Alexander William	Justus Liebig	1845	Giessen	1/31
Willstätter, Richard Martin	Alfred Einhorn	1894	Munich	1/4/31
Wilson, Charles Thomson Rees	J.J. Thomson	1892	Cambridge	8/12
Winstein, Saul	Howard Johnson Lucas	1938	Cal Tech	1/2/37
Winter, Roland Arthur Edwin	E.J. Corey	1965	Harvard	10
Winther, A.				
Wittig, Georg F.K.	Karl von Auwers	1923	Marburg	4
Wohl, Alfred	A.W. Hofmann	1886	Berlin	1/31
Wöhler, Friedrich	Leopold Gmelin	1823 (MD)	Heidelberg	3/37

Wolff, Ludwig	Rudolph Fittig	1882	Strasbourg	1/5
Woodward, Robert Burns	Avery Allen Ashdown	1937	MIT	4/37
Wolfsberg, Max	Lindsay Helmholz	1951	Washington U., St. Louis	10/68
Woolf, Barnet	Frederick G. Hopkins	1930	Cambridge	118
Wurster, Casimir	Viktor Meyer	1875	Zurich	31/73
Wurtz, Charles Adolphe	Jean-Baptiste Andre Dumas	1843 (MD)	Strasbourg	3/8/31/73
Wynne, William Palmer	H.E. Armstrong	1892	London	5/15
Yang, Weitao	Robert G. Parr	1986	Chapel Hill	10
Yates, Keith	Ross Stewart	1959	UBC	10
Yeakey, Ernest Leon	Stanley Wawzonek	1960	Iowa State	10/93
Young, Thomas				
Yukawa, Yasuhide		1936	Osaka	102
Zeeman, Pieter	Heike Kamerlingh Onnes	1893	Leiden	5
Zeise, William Christopher	Hans C. Oersted (mentor)	1817	Copenhagen	3
Zeiss, Harold Hicks	W. v. E. Doering	1949	Columbia	14
Zelinsky, Nicolai		1891	Odessa	1/73
Zener, Dean Clarence Melvin	E.C. Kemble	1929	Harvard	14/68
Ziegler, Karl	Karl von Auwers	1920	Marburg	1
Zimmerli				
Zinin, Nikolai Nikolaevich	Justus Liebig	1840	St. Petersburg	3/23/31
Zucker, Lois Mason	Louis P. Hammett	1940	Columbia	14

Scientists Associated with Discovering the Elements

NAME OF SCIENTIST	SUPERVISOR	Ph.D. YEAR	UNIV.	REFERENCE
Abelson, Philip Hauge	E.O. Lawrence	1939	UC Berkeley	8
Arfvedson, Johann August				

Armbruster, Peter				
Auer, Karl, Freiherr von Welsbach	Robert Bunsen	1882	Heidelberg	8
Balard, Antoine Jérôme	J.E. Berard	1826 (pharm)	Ecole Polytech.	8
Berg, Otto				
Berzelius, Jöns Jakob	Torbern O. Bergman Johann Afzelius	1802 (MD)	Uppsala	3/37
Black, Joseph	William Cullen	1754 (MD)	Edinburgh	8/37
Brand, Hennig				
Brandt, Georg		1726 (MD)	Rheims	8
Bunsen, Robert Wilhelm	Friedrich Stromeyer	1830/3	Gottingen	5/8/37
Cavendish, Henry		1753 (no deg.)	Cambridge	8
Choppin, Gregory Robert	George W. Watt	1953	Texas	10/40
Cleve, Per Teodor	C.G. Mosander	1863	Uppsala	3
Corson, Dale Raymond	E. Segre	1938	UC Berkeley	10/68
Coryell, Charles Dubois	Arthur Amos Noyes	1935	Cal Tech	126
Coster, Dirk	Paul Ehrenfest	1922	Leiden	8/3
Courtois, Bernard	Antoine Fourcroy		Ecole Polytech.	8
Cranston, John A.		1921	Glasgow	58/106
Crawford, Adair				
Cronstedt, Axel Frederik, Baron		1748 (no Ph.D.)	Uppsala/ School of Mines	8
Crookes, Sir William	A.W. Hofmann	1854	Roy.Coll.Che m.	8
Curie, Marie (Manya née Skłodowska)	Antoine Becquerel	1902	Sorbonne	4
Curie, Pierre		1895	Sorbonne	5/3
D'Elhuyar, Don Fausto	Abraham Werner		Freiberg School of Mines	8

D'Elhuyar, Don Juan José	Abraham Werner		Freiberg School of Mines	8
Davy, Sir Humphry				
de Boisbaudran, Paul Émile Lecoq				
de Marignac, Jean Charles Galissard		1830's	Ecole Polytech., Ecole des Mines	
Debiere, André Louis	Pierre et Marie Curie		Sorbonne	8
del Rio, Andrés Manuel		1781	Colegio de San Isidro	8
Delafontaine, Marc				
Demarçay, Eugène Anatole				
Dorn, Friedrich Ernst			Konigsberg	8
Ekeberg, Anders Gustaf		1788	Uppsala	8
Fajans, Kasimir	Georg Bredig	1909	Heidelberg	8/72
Fleck, Sir Alexander	Frederick Soddy	1916	Glasgow	13
Gadolin, Johann	Torbern Bergman	1780's	Uppsala	8
Gahn, Johan Gottlieb		1770	Uppsala	8
Gay-Lussac, Joseph Louis		1800	Ecole Polytech.	8
Ghiorso, Albert		1937 (BSc)	UC Berkeley	10
Glendenin, Lawrence Elgin	R.R. Edwards	1949	MIT	14/68
Göhring, Otto H.				14
Gregor, Rev. William		1780's	Cambridge	8
Hahn, Otto	Theodore Zincke	1901	Marburg	4
Harvey, Bernard George		1958	Oxford	14
Hatchett, Charles				
Hevesy, György Karl von	Georg Meyer	1908	Freiburg	4/13
Hisinger, Wilhelm				
Hjelm, Peter Jacob		1770's	Uppsala	8
James, C.				
James, Ralph Arthur	Glenn T. Seaborg	1948	UC Berkeley	14

Kennedy, Joseph William	Glenn T. Seaborg	1939	UC Berkeley	20
Kirchhoff, Gustav Robert		1847	Konigsberg	3
Klaproth, Martin Heinrich				
Larsh, A.E.				
Latimer, R.M.				
Löwig, Carl				
Mackenzie, Kenneth Ross	Glenn T. Seaborg	1940	UC Berkeley	14
Magnus, Albertus St.			Padua	8
Marinsky, Jacob A.	Charles D. Coryell	1949	MIT	14/109
McMillan, Edwin Mattison	E. Condon	1932	Princeton	4
Meitner, Lise	Ludwig Boltzmann	1922	Berlin	13
Moissan, Ferdinand Frederic Henri	Pierre Paul Deherain	1880	Paris	4/8/3/37
Morgan, Leon Owen	Glenn T. Seaborg	1947	UC Berkeley	10
Mosander, Carl Gustav		1825 (MD)	Uppsala	3
Müller, Franz Joseph				
Münzenberg, Gottfried				
Nilson, Lars Frederick			Uppsala	8
Noddack, Ida Eva Tacke	D. Holde	1920	TU Berlin	8/68
Noddack, Walter Karl Friedrich	J. Eggert	1921	Berlin	8/68
Örsted, Hans Christian		1792 (pharm.) 1799	Copenhagen	3/8
Perey, Marguerite Catherine		1920's	Paris	8
Perrier, Carlo				
Priestley, Joseph				
Ramsay, Sir William	Rudolph Fittig	1873	Tubingen	4/5
Rayleigh, Lord John William Strutt	Edward John Routh	1865 (BA)	Cambridge	8/3/37
Reich, Ferdinand		1819+	Gottingen	8/73
Richter, Hieronymous Theodor	Ferdinand Reich		Freiberg School of Mines	8
Rutherford, Daniel				

Scheele, Carl Wilhelm	Torbern Bergman	1770's	Uppsala	17
Seaborg, Glenn T.	G.N. Lewis/ E.O. Lawrence	1937	UC Berkeley	4
Segré, Emilio Gino	Enrico Fermi	1928	Rome	8
Sikkeland, T.				
Sniadecki, Jędrzej Andrzej				
Soddy, Frederick	E. Rutherford (post-doc)	1898 (BSc)	Oxford	4/22
Soret, J.L.				
Street, Jr., Kenneth	Glenn T. Seaborg	1949	UC Berkeley	14/68
Tennant, Smithson	Joseph Black	1781 1796(MD)	Edinburgh Cambridge	17/73
Thénard, Louis Jacques	Louis Nicolas Vauquelin	1790's (no deg.)		8/3
Thompson, Stanley Gerald	Glenn T. Seaborg	1948	UC Berkeley	14/52
Travers, Morris William	William Ramsay	1893 (BSc)	UC London	13
Urbain, Georges	Charles Friedel	1899	Paris	3
Vauquelin, Louis Nicolas	Antoine Fourcroy	1780's		3
Wahl, Arthur Charles	Glenn T. Seaborg	1942	UC Berkeley	10/68
Walton, John Richard	William H. Johnston	1957	Purdue	14/92
Winkler, Clemens Alexander		1860's	Freiberg School of Mines	8
Wollaston, William Hyde		1787	Cambridge	3

Note:

Names written in bold type are still alive at the time of this writing.

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