Dear Alumnae and Alumni,

Each year, we try to finish the Newsletter before the *College Finding List* makes its appearance. This year, unfortunately, we lost the race.

We graduated 11 AB's last year and expect to graduate another 11 this year. We expect smaller classes in the next couple of years, though. We currently have six juniors and there are six sophomores (and two freshmen) in the second year course. As in previous years, a number of majors spent their summers doing research. Two were on campus; others were at JILA (Boulder), Rochester, Michigan State, MIT, and Oregon State.

We continue to have three graduate students in residence, and one on a part-time basis. In May, Robert Ekey was graduated MA. He is continuing in the PhD program under Liz McCormack's supervision. Thomas Carroll works in Mike Noel's laboratory while Ahmed Rashed is taking graduate courses on campus and at Penn. Steve Hess continues to work with Al Albano while keeping his day job at Sensortex Inc.

Earlier this fall, the College hosted "Women and Science: Opportunity in a Changing Landscape," a national symposium on the status of women in science-related fields in education, industry and government. Liz McCormack and Julie Sheridan Eng '88 were among the moderators. Also in attendance was Elaine Surick Oran '66.

In late November, Lillian McDermott of the University of Washington who was awarded this year's Oersted Medal, the highest award for teaching given by the American Association of Physics Teachers, visited the campus under the auspices of the NSF-funded "Building Bridges: Science Education Reform" grant to the College (check out [http://www.brynmawr.edu/nsf/bridgesd.html](http://www.brynmawr.edu/nsf/bridgesd.html)) and by the BMC Chapter of Sigma Xi. She conducted one of her famous teaching workshops in addition to delivering a Sigma Xi lecture. She was accompanied by Paula Heron of the University of Washington physics department, and by Eleanor Warfield '96 who is a graduate student in her group.

This year, Liz McCormack was tenured and promoted to Associate Professor. With support from a "Mellon New Directions Fellowship," she is on sabbatical leave but not out of sight. She and Bob Ekey are keeping busy in her laboratory; she is president of the BMC chapter of the Sigma Xi, and is involved in the activities of the Center for Science in Society. Earlier this month, she took a group of majors on a trip to visit Cornell's Applied Physics Department, where Lidiya Sekaric '95 was one of the hosts. The trip was supported by the "Physics Mentoring Fund" which was seeded by the 1998 White House mentoring award to the department.

Into his second year, Michael Noel is completing the transformation of an empty room into a productive laboratory. By the end of last school year, he and Katharine Claringbould '01 had a new magneto-optical trap running. This year, he has two seniors and a graduate student busily working in his laboratory. They've just taken delivery of a new laser and are beginning the construction of a laser amplifier designed for experiments with the trap. Mike is also teaching both sections of Physics 101.
Juan Burciaga continues to be the Laboratory Coordinator but is also teaching a College Seminar. Matthew Rice continues to teach a variety of courses. Chuck Samuels took a full-time position with Edmunds Scientific. New this year is Tony Rothman (Swarthmore BA, Texas PhD, various postdocs including Oxford, Moscow, Harvard). Tony is a relativist, and will be teaching a course on general relativity in the spring.

As for the older folk … Peter Beckmann continues to be chairman and continues to do research both here and at the University of Delaware, and is busily publishing work done in both labs. Al Albano is back from a year-long sabbatical and wishes it were longer. He continues to be on the Editorial Board of Physical Review E. This year, he and Peter Brodfuehrer of the biology department were able to secure some NSF funding for their collaborative research on the nervous system of the medicinal leech. Ann Daudert continues to keep the department running. Mary Scott still chairs the "Friends of the Library" and visits us often.

Make sure to check out the physics department homepage (http://www.brynmawr.edu/Acads/Physics/). It includes some pictures of the first ever graduate research poster session which Liz organized for the Center for Science in Society last Spring. It was a wonderful opportunity for graduate students in the sciences to tell each other and the rest of the community about their research.

**We hear that …**

**Neal Abraham** Ph.D. ’77 continues to enjoy being Vice President for Academic Affairs at de Pauw University. He has been active in the formation of Midwest Instructional Technology Center which will serve 26 colleges from the Great Lakes Colleges Association and the Associated Colleges of the Midwest. He is also working with the American Council on Education as part of the International Education Network. In addition to all that, he has found time to teach Statistical Physics in Fall of 2000 and will teach New Discoveries in Spring 2002, a course that will be based on the latest weekly articles from leading scientific journals.

**Hania Al-Ahallaq** ’94, is in the midst of a medical physics residency at the University of Chicago Hospitals. She received her Ph.D last year at the University of Chicago.

**Meigan Aronson** ’80, has been elected Fellow of the APS. She shares this honor with seven other BMC physics undergraduate and graduate alumnae/i who were elected to fellowship in previous years: Neal Abraham, Ph.D. ’77, Anna Balazs ’75, Katharine Blodgett Gebbie ’57, Alice Kust Harding ’73, Patricia Mooney Ph.D. ’72, Elaine Surick Oran ’66, Jean Hebb Swank ’61.

**Miriam Allersma** ’91, has finished her Ph.D. at the University of Michigan.

**Annis Porter Barry** ’89, B.S. Caltech ’90, M.S. UC Berkeley, ’92 worked for five years with GTE on field trials/product development of new cellular services. She is currently at home with her son.

**Vallorie Batchelder Peridier** ’76, is Director of the College of Engineering Computer Center at Temple University. She received her Ph.D. from Lehigh University in Applied Math in 1989.

**Emily K. Bell** ‘98, received her M.S. in Materials Science at Caltech in June, 2000. She is currently looking for an apprenticeship as an artifact conservator at a small museum or library.

**Alice Brown** ’78, is an instructor in the Department of Neurology at Massachusetts General Hospital. Her current research involves gene therapy for brain tumors. She received her Ph.D. in biochemistry from Vanderbilt in 1992 and her M.D. at Meharry Medical College.

**Waltraut Heinrich Buser** MA ’53, is now retired after a long career of teaching physics. She received her Ph.D. in 1956 from the University of Munich. She travels with her husband, is involved in civic activities and is plenty busy keeping track of her ten grandchildren.
Lowell Carson  M.A. ’94 is a Scientific Advisor at Ratner and Prestia, an Intellectual Property Law Office in Berwyn, PA. He goes to Temple Law School part-time although he has already passed the Patent Law Bar.

Zhigang Chen  Ph.D. ’95 continues to do well at UC San Francisco. His well-funded research is flourishing and involves graduate and undergraduate students. He has recently been a guest lecturer at Technion in Israel and a visiting professor at the Chinese Academy of Science.

Angela M. Cheung ‘84, is Director of the Osteoporosis Program and Associate Director of the Women’s Health Program and Assistant Professor at the University of Toronto. She received her M.D. from Johns Hopkins in 1988 and her Ph.D. from Harvard in 1997. She feels she is putting her "physics education" to good use.

Shin Grace Chou ’01, a double major in chemistry and physics, was awarded a GE Fund Fellowship to support her graduate studies in physical chemistry at M.I.T.

Katharine Claringbould ’01 is currently a full time demonstrator at Melbourne University and is about to be involved in a special program designed for Aboriginal and Torres Strait Islanders (i.e., indigenous Australians) as a physics tutor. While preparing to take the GRE’s, she is also getting ready to get a skipper’s license and sail tall ships.

Beverly S. Cohen ’53, is Professor of Environmental Medicine at NYU School of Medicine. Her ongoing research involves measurement of ambient acid, human exposure and dosimetry of inhaled particles. She received her M.S. from Cornell and her Ph.D. from NYU in 1979.

Nancy Cooper ’47 retired four years ago and now lives in Bucks County, PA. She writes that she is "in awe of the accomplishments of the physics graduates." We remind her that she is one of them!

Elizabeth Courtenay, ’93, received her Ph.D. in Bacteriology at the University of Wisconsin-Madison in December 2000 and was interviewing for a postdoc position last time we heard.

Jeanne DiGrazio M.A. ’92 Received her master's degree in law specializing in intellectual property in May. She also recently passed the New Jersey bar.

Christina Erwin ’98, is working full-time at Raytheon while attending physics graduate courses at Brown.

Lisa Everett ’92, M.A.’92, finished her postdoc at Michigan and has accepted a two-year postdoc at CERN.

Emily Fisch Gallagher ’85 (MS Yale, PhD Dartmouth) joined IBM's Microelectronics Division in Burlington, VT in 1992. She develops lithographic masks for emerging technologies while enjoying the mountains with her husband and two young daughters. She has recently become a member of IBM Burlington's "Women in Technology" program as their BMC campus liaison. This program encourages women to pursue technical careers.

Rashna Ginwalla ’99, is attending medical school at USC.

Victoria Guerra Brady ’79 (Phd Penn) who still works at DuPont in Wilmington, DE was on campus in November participating in a Careers panel.

Naomi Halas (Ph.D. ’87) gave a colloquium at BMC in November, 2000. She is Professor in the Department of Electrical and Computer Engineering and the Department of Chemistry at Rice (http://www.ece.rice.edu/~halas). You may also have noticed the article on Naomi in the Fall, 2001 issue of BMC's S&T Magazine.

Rochelle Lao ’95, received her Ph.D. from the University of North Carolina in May 2001. Now she is working in San Francisco for Bank of America. Her position is in capital market risk analysis.

Matty Lau ’97 is teaching physical science at the Berkely Carrol Middle in Park Slope Brooklyn and is applying to science education graduate schools for the Fall 2002.

Priscilla Laws Ph.D. ‘66 has taught in the Department of Physics and Astronomy at Pennsylvania's Dickinson College since 1965. She is currently working on a NSF Teacher Enhancement project to help develop a summer institute for high school teachers who want to conform to new national and local science education standards. She received a Dana Foundation Award for Pioneering Achievement in Education in 1993 and the AAPT's Robert A. Millikan Medal for "notable and creative contributions to the teaching of physics" in 1996.
Hong Lin (Ph.D. ‘91) is now an Associate Professor at Bates and had her NSF-RUI award renewed in June 2000 to support her research. A review article on her research appeared this year in a book, Recent Research in Physics (Transworld Research Network).

Despo Louca ‘90, M.A. ‘92, who is on her third year as an Assistant Professor at the University of Virginia, gave a colloquium in October, 2001. She graduated from the University of Pennsylvania with a Ph.D. in materials science and held a postdoc at Los Alamos before going to U Va.

Suzanne Myers Broughton, ‘58, is retired and is actively doing volunteer work. She received her M.A. in physics from Bandeis Univesity in 1960. She has had a productive career teaching physics, pursuing environmental issues and technical writing. She is also currently Statewide Coordinator for Pennsylvania for The Democracy Net (DNet) Project for the League of Women Voters.

Manjula Lusti-Narasimhan ‘85, is Scientific Director at Medabiotech S.A in Switzerland. She received her Ph.D. in chemistry at the University of York, U.K., sponsored by Glaxo-Wellcome. Her current position involves scientific assessments and defining business plans for start-up companies in the life sciences in Europe and Israel. She still performs and teaches Classical Indian dance in her spare time.

Sally Oey ‘86, started a tenure-track staff astronomer position at Lowell Observatory in Flagstaff, AZ. She completed a postdoc at the Space Telescope Science Institute and in 1999 she won the Annie Jump Cannon Prize of the American Astronomical Society and the American Association of University Women (www.aas.org/grants/awards.html#cannon).

Cynthia Wyeth Peterson ‘54, Professor of Physics at the University of Connecticut was the mentor of a high school student who had exhausted all the physics and mathematics courses at her high school. So Cynthia sent the student to BMC where she is now a freshman.

Lisa Pollack ‘92, is in her third year in a tenure-track position at Xavier University. She received her Ph.D. from Tulane in condensed matter theory in August 1999.

Jessica Ree ‘99 does software development for RiskMetrics Inc. in New York.

Shobita Satyapal ‘87 was the department's first colloquium speaker in 2001-2002. She has recently taken a tenure-track position at George Mason University after having spent a number of years at NASA Goddard. It was while at NASA that she received a Presidential Young Investigator Award.

Cora Schleider M.A. ‘39 is now retired after a long career of teaching the physical sciences. She was also a Guidance Counselor and a school principal.

Vada Seccareccia ‘96, is doing fine and has about another year to finish in the Master of Architecture Program at the Rhode Island School of Design.

Norma Sedgewick Rockel ‘56, is retired from Raytheon E-Systems, Space Systems Division as a Senior Electronic Systems Engineer.

Lidija Sekaric ‘97 writes that she met Naomi Halas Ph.D. ‘87 when Naomi gave a colloquium at Cornell. Lidija hosted a group of BMC physics majors who visited Cornell with Liz McCormack in November.

Julie Sheridan Eng ‘88, (Stanford Ph.D.), is now the Director of New Product Development at Agere Technologies (a recent spin-off from Lucent Technologies). Julie currently chairs the IEEE Committee on Women in Engineering’s subcommittee on governmental and public policy. She was chair of the WIE committee from 1997-1998. Julie was on campus last October to attend the Women in Science Symposium. A baby boy was born to Julie and Lars Eng in November, 2000.


Eliza Stefaniw ‘94 is attending Georgetown Law Center.

Emma Steffman ‘97, is teaching physics at Cambridge (MA) Public Schools. She received her M.A. in Education at Stanford. Emma is developing a Mentoring Program with MIT students; creating a Book Donation Program for her school.
Jay Strieb PhD ’79 continues on the faculty at nearby Villanova University.
Elaine Surick Oran ’66 who still works at NRL in Washington, D.C., was on campus in October to attend the Women in Science Symposium.
Ann E. Wehrle ’78, has been chosen as a member of the Science Team for Space Interferometry Mission. Ann’s project: Binary Black Holes, Accretion Disks and Relativistic Jets: Photocenters of Nearby AGN and Quasars.
Jean Jingqi Yang ‘87, is now an Ophthalmologist in private practice after graduating from the University of Pennsylvania, School of Medicine.
Meeyong Yoon ’89, enrolled in the Ph.D. program in Materials Science and Engineering at the University of Washington, Seattle. She received her M.S. in Materials Science from the University of Michigan in 1991. She worked for several years as a researcher for Samsung Electronics and the Electronics and Telecommunications Research Institute, both in Korea.
Abby Youngblood ’01, received a Thomas J. Watson Fellowship, awarded to graduating students for year-long independent research projects abroad. She will study sustainable agriculture in India, Kenya and Russia.
Elaine Surick Oran ’66 (PhD Yale) who still works at NRL in Washington, DC was on campus in October to attend the Women in Science Symposium.

This year, we are again sending hardcopy to everyone but we are trying hard to see if we can minimize the use of paper. We will post this and future newsletters on the department's website. One thing we can do is to alert everybody by postcard or e-mail when the newsletter is posted. We know that there are some of you who would prefer to receive hard copy, or who do not wish their information on the web, or who do not have convenient access to the web. If so, please let us know.

We are proud of all of you, the diversity and complexity of your lives and careers, and your continued interest in the College and the Physics Department. Please keep your emails, cards and letters coming and we will do our best to share messages and news in future letters. We look forward to your visits and hope to see many of you in the coming year.

We hope you will continue your financial support for the College’s programs. Support for the general funds of the College gives maximum flexibility to direct resources to buildings, faculty, financial aid or programs. However, if you wish to restrict your contributions to support programs in physics, we urge you to consider contributing to the endowment of the Marion Reilly Chair (the partially endowed professorial position held in turn by Walter Michels, Rosalie Hoyt, and Alfonso Albano), to the Helen Schaeffer Huff Fund which provides income to support a postdoctoral position that alternates between the physics and chemistry departments, to the Anna Pell Wheeler Fund which supports the department’s colloquium series, or to the Physics Mentoring Fund which was seeded by the mentoring award given the department by the White House in 1998.

Sincerely,

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C/o Ann Daudert

BY EMAIL:  (adaudert@brynmawr.edu),  OR BY FAX:  (610/526-7469)

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CURRENT JOB TITLE__________________________________________

CURRENT EMPLOYER__________________________________________

HOME PHONE_________ WORK PHONE__________

FAX_______________ EMAIL__________________________

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EDUCATION AFTER GRADUATION AT BRYN MAWR

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CAREER PATH______________________________________________

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LATEST ACTIVITIES__________________________________________

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