

PRIME BITS

Department of Mathematics Newsletter University of Colorado, Boulder, Colorado 80309-0395

Spring 1993

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PRIME BITS brings news of current activities and events in the life of the Mathematics Department at Boulder to alumni and friends. Please send news items for inclusion to PRIME BITS (editor, W. B. Jones).

NEW MATHEMATICS BUILDING

Dedication ceremonies for the new Mathematics Building and Leonard H. Gemmill Engineering Library were held on September 25, 1992. The new structure includes offices for the Mathematics Department, a 400 seat lecture hall and facilities for the modular mathematics instructional program. Planning for the building began about five years ago when the space shortage in Engineering had become acute. Ceremonies for ground breaking took place on March 6, 1991. In July of this year the Mathematics Department vacated its quarters in the Engineering Center (EC) where it had been housed for about 25 years and moved into our beautiful building next door to the EC on the west. Some photographs of the new building are on page 2. We welcome all alumni and friends of the Mathematics Department to come by and see our new "home."

UNDERGRADUATE MATHEMATICS

With leadership from Lynne Walling (Undergraduate Program Chair) and Arlan Ramsay (Dept. Chair) the Department has instituted changes to increase its effectiveness in teaching. We are always striving to improve our undergraduate instruction, and the A&S College administration has supported and encouraged our efforts. Recent attention has concentrated on revitalizing calculus instruction, and to that end we have made several changes:

We have replaced most of our large calculus lecture sections with many small lecture sections.

We are running an experimental calculus course that actively incorporates the use of computers.

We have instituted a course on teaching of mathematics that is required for all graduate students who teach, and they are supervised by faculty when they teach.

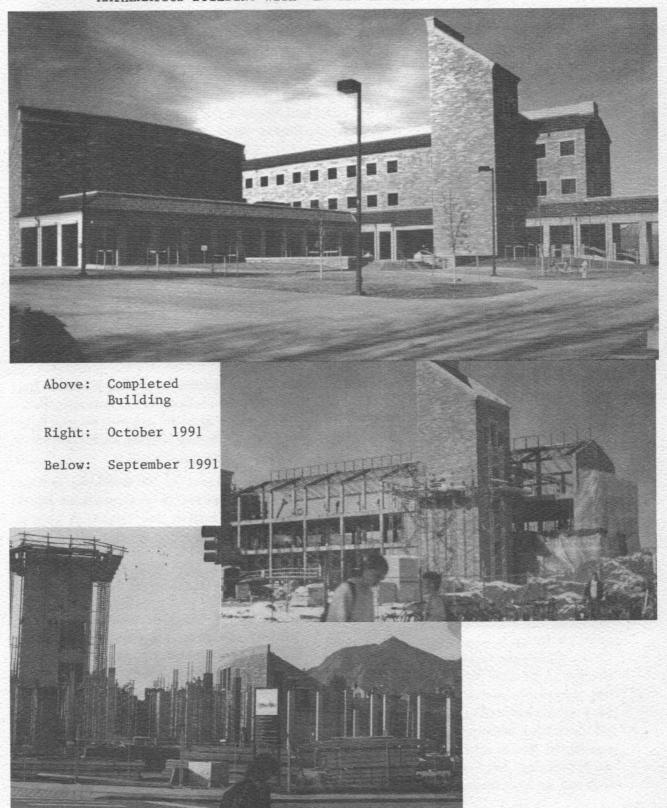
We have instituted an evening Calculus Help Lab that our students are enthusiastic about. Given proper financial support, we plan to expand the Help Lab serving students from all of calculus and linear algebra.

The Department of Mathematics is thoroughly committed to undergraduate education and we believe that significant progress in excellent instruction is being made.

UNIVERSITY MATHEMATICS PROGRAM (UMAP)

Professor of Mathematics Lawrence W. Baggett has recently been appointed Director of UMAP which provides instruction in (mostly) pre-calculus mathematics for about 3500 students per semester. Laurie Feehan continues as Associate Director of the Math Module Program and John Martin (Ph.D., 1990, UCB) has been appointed Associate Director of QRMS (Quantitative Reasoning and Mathematical Skills).

MATHEMATICS BUILDING WITH GEMMILL ENGINEERING LIBRARY



NEW FACULTY

Carla Farsi (below) came to UCB as an Assistant Professor of Mathematics in August 1991 with a Ph.D. from the University of Maryland (May 1989). Carla spent two years as a Post-doctoral Fellow at the University of Toronto (1989–90 and 1990–91) and had several years of experience as a teaching assistant at Maryland. Prior to this she studied at the University of Florence, Italy from 1978 to 1983. Her research interests lie in operator algebras and their applications to differential geometry. Her husband Neil is also a mathematician.



Guoliang Yu (upper right) joined the UCB Mathematics faculty as an Assistant Professor in August 1991, and spent AY 1991–92 on a leave of absence as a Post-doctoral Fellow at the Mathematical Sciences Research Institute at Berkeley, CA. Guoliang's mathematical interests and specialties are also in differential geometry. He earned a Ph.D. in 1991 from the State University of New York (SUNY) at Stony Brook. As a teaching assistant there he was twice rated as a star or superstar. Prior to this he obtained degrees from Zhejiang Normal University (1982) and Sichuan University (1986) in China. Guoliang's other interests include travel and table tennis.



FACULTY RETIREMENT

Two long-time faculty members retired in May 1991: R. Ben Kriegh and David F. Rearick.

Kriegh (below) came to C.U. in 1952 in the Dept. of Applied Math. Ben estimates that he has taught 13,000 students at C.U. In retirement he plans to complete a mathematics manuscript, two books on historic events, and work in progress on gaming and probability. He also plans to travel abroad.



David Rearick (below) came to UCB in 1961 following an instructorship at the University of British Columbia and a Ph.D. from California Institute of Technology. David has taught a variety of courses and supervised thesis research for many graduate students. His last monumental task before retiring was to establish the Math Module Program at UCB and get it off to a good start. He is widely known among climbers as being the first to ascend the Diamond on Long's Peak. In retirement David hopes to retain his health, get enough rest and exercise and enjoy a relaxed, slow-paced life style. We wish them both well.



DEPARTMENT STAFF CHANGES

Margaret Jones retired as the Mathematics Department Staff Assistant in July 1992 after nearly 30 years of service at the University of Colorado. She came to the Math Dept. in April 1989 after working in several University offices including academic departments of Engineering. Margaret's friendly presence and able assistance will long be remembered by faculty, staff and students. We wish her well in retirement years.

Joann Marx became the Staff Assistant for the Mathematics Department in the summer of 1992 after serving in a similar position at the School of Pharmacy for three years. Prior to that Joann was the Office Supervisor for the University Conference Center and a secretary for University Housing. She holds a Bachelor of Music Education degree (1968) from the University of Denver and has studied in the Graduate School at UCB. Before coming to UCB, Joann taught music for special education programs in Colorado public schools. We welcome Joann Marx with her many talents to the Department.

CENTER FOR NUMBER THEORY (CNT)

Professor P. Philippon from Paris was a visitor at the CNT for two months in spring 1992, giving a course on heights and commutative algebra. During the fall 1992 semester Professor C. Stewart from the University of Waterloo, Canada, is giving a series of lectures.

ULAM CHAIR

The Ulam Chair Professor for 1990-91, Professor Jerry Kaminker from Indiana University-Purdue University (IUPU), lectured on Non-Commutative Geometry.

For the fall semester 1992 Professor Randall Dougherty from Ohio State University is giving a course on Descriptive Set Theory.

DE LONG LECTURES

Sir Michael Atiyah, PRS, from Cambridge University presented the De Long Lectures in September 1991 on Geometry, Topology and Physics. These lectures are funded by an endowment given by Professor Ira M. De Long who came to the University of Colorado in 1888 at the age of 33. He was essentially the Mathematics Department at that time.

PRIGOGINE LECTURE

Professor Gustafson and the Department of Mathematics hosted Nobel Laureate Professor Ilya Prigogine in Boulder in October, 1992. Professor Prigogine's visit was co-sponsored by the Cooperative Institute for Research in the Environmental Sciences, the University of Colorado Office of Cultural Programs, and the Mathematical Physics Ph.D. Program, of which Gustafson is Chair. Also assisting were Regent Robert Sievers and Professor Howard Hanson of CIRES and Professor Robert Goodrich of Mathematics. Professor Prigogine's lecture, "Laws of Nature, Laws of Chaos," was enthusiastically received by an overflow crowd at Old Main Chapel, followed by a reception in the CIRES Atrium, complete with delightful chamber music.

Professor Ilya Prigigone



FACULTY SPOTLIGHTS

Alberto Bressan was on leave for AY 1991–92 at the International School for Advanced Studies in Triest, Italy with a grant from the Council on Research and Creative Work at UCB.

Jeffrey Fox was welcomed back this fall to the Boulder Campus after a two-year leave of absence at the State University of New York in Albany.

David Grant was a recipient of the Boulder Faculty Teaching Excellence Award in 1991. Our hearty congratulations! He also attended an American-British conference in Cambridge, England in July 1992.

Karl Gustafson accepted a one month visiting distinguished professorship at Moscow State University, Russia, in May 1992. His lecture there was entitled "Computational Mathematics of Hovering Aerodynamics."

John H. Hodges received the Mathematical Association of America (MAA) Rocky Mountain Section 1992 Award for Distinguished College or University Teaching

of Mathematics. Congratulations, Jack, for yet another in a long list of teaching awards. Hodges is serving as Governor of the MAA Rocky Mtn. Section from July 1990 to June 1993. Retirement from full-time activity is planned for June 1993, but probably Professor Hodges will continue with part-time teaching for a number of years.

William B. Jones spent the AY 1991-92 at the University of Trondheim, Norway with a sabbatical leave supported by grants from Fulbright, the Norwegian Research Council and NSF. Jones participated in a research seminar on Mathematics of speech processing in Trondheim and in professional meetings at Tenerife, Spain and Loen, Norway. He also lectured at the ETH-Zurich, U. Antwerp, U. Kent (U.K.), U. Bradford (U.K.), U. St. Andrews (Scotland) and U. Umeå, Sweden.

Wolfgang Schmidt lectured in Vienna in May-June, 1992 and at Rutgers in October 1992. He will be at MSRI-Berkeley in spring 1993 for a semester on "transcendence and diophantine problems."

Eric Stade spent the spring 1992 semester at Dartmouth College.

Ruth Rebekka Struik was on sabbatical leave in AY 1991-92. She studied crystal-lography and Penrose tiles at Smith College in June 1991. July 1991 was devoted to a course on differential equations with applications to population ecology at the University of Wyoming in Laramie. This stimulated questioning and further study of modeling nature. Another course at Laramie in July was on partially ordered sets and error-correcting codes. Professor Struik practiced good ecology by biking to Laramie roundtrip from Boulder.

Walter Taylor has been an invited speaker at Darmstadt, Germany and Montreal, Canada (one-week NATO course) in summer 1991, U. of Chicago (lecturer and Ph.D. examiner) in April 1992, and U. of Potsdam (former E. Germany) for two weeks in June 1992. In August 1992 he attended a conference at McMaster U. to honor Alan Day. Taylor's

most recent book, The Geometry of Computer Graphics, was published by Brooks/Cole in Fall 1991.

Robert Tubbs lectured at Cambridge, England in July 1992 and Paris in October 1992. He will spend the spring 1993 semester on leave at the University of Texas, Austin and MSRI, Berkeley.

GRADUATE DEGREES AWARDED

A number of students have obtained graduate degrees in mathematics between May 1991 and August 1992. They are listed below by: NAME; degree and date (faculty advisor), and position taken if known.

BEARD, Mary Ann; Ph.D., August 1992 (W. M. Schmidt), Colorado College.

LITTLE, Jani; M.A., August 1992 (J. Williamson).

WONG, Simon; M.A., August 1992 (P.D.T.A. Elliott), UCB Ph.D. Program.

AMES, Rachel; M.S., May 1992 (R. K. Goodrich), NCAR (National Center for Atmospheric Research).

BEN-PAZI, Amnon; M.A., May 1992 (L. Walling).

CARTY, Lea Verdin; M.A., May 1992 (R. K. Goodrich), Columbia University Ph.D. Program.

MC DONALD, Brian; Ph.D., May 1992 (W. N. Reinhardt).

MC NAMEE, John; M.A., May 1992 (L. Walling), UCB Ph.D. Program.

NABHAN, Maha; M.S., May 1992 (R. A. Holley), University of Texas Ph.D. Program.

OJAN, Husain Ali; Ph.D. in Math-Physics, May 1992 (K. E. Gustafson), Center of Science and Math, Damman, Saudi Arabia.

ROBERTS, Roger; M.S., May 1992.

YOUNG, David; M.S., May 1992 (J. H. Hodges), UCB Student Teaching Program.

HYNDMAN, Jennifer; Ph.D., December 1991 (W. F. Taylor), Simon Fraser University, Canada.

ALMADA, Carlos; Ph.D. in Math-Physics, August 1991 (H. G. Ellis), University of Puerto Rico. DESANTO, John; M.A., August 1991 (D. Grant), Johns Hopkins University Ph.D. Program.

KNILL, Emanuel; Ph.D., August 1991 (R. Laver), Post-doctoral Fellow at University of Nova Scotia.

LUNDY, Thomas; Ph.D., August 1991 (J. Maybee).

LUNDSTROM, Rita; M.A., August 1991.

BEKKALI, Mohammed; Ph.D., May 1991 (J. D. Monk).

BRICHER, Stephen; Ph.D., May 1991 (J. Bebernes), Post-doctoral Fellow at Heriot-Watt University, Scotland.

CAVENY, Deanna; Ph.D., May 1991 (R. Tubbs), College of Charleston.

COMPTON, Chris; M.A., May 1991.

LIMBER, Mark; Ph.D., May 1991 (R. K. Goodrich), Post-doctoral Fellow, University of Colorado, Denver.

LIU, Faan Tone; M.A., May 1991, UCB Ph.D. Program.

MAHONEY, Brian; M.A., May 1991.

MARTIN, JOHN; Ph.D., May 1991, (W. N. Reinhardt), Assoc. Director of QRMS at UCB.

PORTER, Elbert; M.A., May 1991, Teaching with Project SEED.

SHULMAN, Bonnie; Ph.D. in Math-Physics (E. Zweibel and K. Gustafson), Bates College. WALSH, Robert; M.A., May 1991, Consultant for Army.

WU, Fei; M.A., May 1991, Computer Science Position at UCB.

WYSHINSKI, Nancy J.; Ph.D., May 1991 (W. B. Jones), Trinity College.

STUDENT NEWS

Julie Rae O'Brian (Math major) won a Jacob Van Ek award for 1991.

Ronny Lynne Studeny (Math major) received a J. Tour Scholarship for the academic year 1991–92 in recognition for excellent work as a student.

Faan Tone Liu was the 1991 recipient of the Burton W. Jones Teaching Excellence Award.

One such award is given each year to a graduate student teaching assistant in recognition of outstanding teaching.

Gwyn Coogan moved to Boulder from Providence, RI this year to work on a Ph.D. in Mathematics and also to run. Gwyn was a member of the 1992 U.S. Olympic team in the 10,000 meter event. She began long-distance running at Smith College as an undergraduate. Gwyn and her husband Mark (an Olympic Trials finalist in the steeplechase) find the high altitude training in Boulder a benefit.

ALUMNAE/ALUMNI NEWS

The following news items were received in response to the last issue of Prime Bits.

Adele Leonhardy (B.A. 1924) is now retired after many years teaching mathematics.

Wm. J. LeVeque (B.A., summa, 1944) retired, formerly Exec. Director, AMS, Providence, RI. He and his wife Ann have sailed down from Maine to the Caribbean on their motor sailer 'After Math' during the past two winters, and will conclude their trip next winter. "We will retire in Boulder, where we have bought a condo, starting in summer 1991."

Gideon A. Culpepper (B.A. 1946, M.A. 1947) is retired from White Sands Missile Range, NM in June 1979. He was a mathematical statistician in the Army Missile Test and Evaluation Directorate, RAM Division.

Jack O. Bowman (B.A. 1949) is President of Guaranty Abstract Co. in Lamar, CO.

Carolyn Hove Coolbaugh (B.A. 1951) is Director of Management Information System, Jefferson Center for Mental Health, Arvada, CO. Daughter (Elizabeth O. Coolbaugh) graduated from CU Boulder with B.A. in Mathematics 1983.

Archie L. Butler (M.A. 1952) retired in 1978 as a Research Specialist at the Boeing Company.

James R. Modeer (B.S. 1953, M.S. 1958, Ph.D. 1966) retired from UCCS Department of Mathematics in 1983.

Leon W. Rutland (Ph.D. 1954) is Professor Emeritus and former department head, Virginia Polytech, Blacksburg, VA.

Keith Phillips (B.A. 1959, M.A. 1961) is a Professor of Mathematics at CU in Colorado Springs.

Henry W. Davis (M.S. 1961, Ph.D. 1965) is Professor of Computer Science and Engineering at Wright State University, Dayton, OH.

Donald D. Elliott (B.S. ChE 1958, B.S. BusAdm 1958, M.S. A.Math 1961, Ph.D. A.Math 1966) is Professor of Mathematics at the University of Northern Colorado, Greeley, CO.

George A. Van Buskirk (M.A. 1962) was at San Jose State University for a one-year temporary position and then returned to Leigh High School. He was mentor teacher 1984–5/1986-7, and 1983 Presidential award for Excellence at SJSU, 1-year position, 1990-1.

Stephen N. Patzman (B.A. 1964) is Vice President and Chief Actuary, USAA Life Insurance Co., San Antonio, TX 70288.

Timothy Binkley (B.A. 1965, M.A. 1966) is Director of Computer Education, School of Visual Arts, 209 E. 23rd St., New York, NY 10010.

Arun M. Vaidya (Ph.D. 1965) is Professor of Mathematics at Gujarat University, Ahmedabad 380009, India, Fellow of the National Science Academy (India), Member of the National Science Board for Higher Mathand Editor of Bona Mathematica and of Mathematics Student.

William C. Ramaley (M.S. 1963, Ph.D. 1969) is a Professor of Mathematics at Fort Lewis College, Durango, CO.

Joseph Oliger (B.A. 1966, M.A. 1971) is Professor of Computer Science at Stanford University, Stanford, CA. George F. Estabrook (M.A. 1968) is Professor of Botany, University Herbarium, 2000 N. University Bldg., Ann Arbor, MI.

James Cavender (B.A. 1968, Ph.D. 1975) is an engineer with Martin Marietta Aerospace in Denver and Adjoint Asst. Professor of Mathematics at UCD.

James C. Forslund (B.A. 1969) took a Master of Divinity from Iliff School of Theology in 1973 and a J.D. from Denver University in 1979. He is a self-employed attorney in Lakewood, CO.

Ronald D. Hochnadel (B.A. Math 1969, B.S. EngPhy 1974, M.S. EE 1979, J.D. 1984, U. of Puget Sound) is with Boeing Computer Services in Seattle, WA.

Dr. S. M. Sarangi (M.A. 1970) is a Professor of Mathematics at Karnatak University, Dharwad 3, India.

Lee Badger (M.A. 1970, Ph.D. 1975) is a Professor of Mathematics at Weber State University in Ogden, UT. "Since leaving Boulder I became disenchanted with 'probably useless' mathematics. I'm now studying natural resource modeling."

Peter E. Ciacco (B.A. Math 1971, B.S. Bus 1975) is self-employed as a Certified Public Accountant, licensed to practice in Colorado.

Dan E. Philipp (M.A. 1971) is a Supervisory Computer Systems Analyst with the Bureau of the Census, Suitland, MD.

Richard H. Warren (Ph.D. 1971) is a Senior Systems Analyst, General Electric Co., King of Prussia, PA.

William Elliott (M.A. Math 1972, M.A. Music 1976) is musical director, Dept. of Theatre and Dance, UCB.

Leonard Gallogher (Ph.D. 1972) is a Computer Scientist with the National Institute of Standards and Technology in Gaithersburg, MD.

Carol Wiggens Alltenrieth (B.A. 1972, M.A. 1976) is a Mathematics Instructor at Community College of Aurora.

Kenneth W. Spackman (M.A. 1974, Ph.D. 1977) is Associate Professor of Mathematical Sciences, University of North Carolina, Wilmington, NC.

James L. Carpenter, Jr. (B.A. 1975) received a J.D. in 1978 from Stanford University and is presently an attorney with Hutchinson, Black, Hill and Cook in Boulder. He spent the school year 1989-90 teaching mathematics to English-speaking students in Belém, Brazil.

Johanna Danos (B.A. 1975) is a Math Instructor at Windward Community College, Kanoehe, Hawaii.

Lang Withers, Jr. (M.A. 1975) is Principal Engineer at E-Systems, Melpar Division, Falls Church, VA. He works on signal processing algorithms, mainly for high-resolution direction finding (a generalization of spectral analysis) and beamforming.

Marcia Ginley-Hidinger (B.A. Math 1975, J.D. Law 1978) is Senior Attorney for the United States Environmental Protection Agency in Denver.

John M. Bachman (B.A. 1976) is President of John M. Bachman, Inc., Precious Stone Importer and Wholesaler in Boulder.

David A. Remington (B.S. EE 1971, M.S. EE 1974, M.A. Math 1976) is a Computer Engineer with Pacific Gas and Electric, Diablo Canyon Power Plant, Avila Beach, CA. David adds that his interest and application of mathematics to his computer engineering profession has always remained a high priority to him. He has developed a particular interest in number theory and its applications.

Gerry Wiener (M.A. 1976, Ph.D. 1980) is Manager of the Engineering Systems Group in Research Applications Dept. at NCAR, Boulder. He received a Technological Advancement Award for work on a Geographical Situation Display used at Stapleton International Airport in Denver.

Daniel A. Wardrop (B.A. 1977) is a Systems Engineer with Hughes Aircraft Co., in Coronado, CA.

Ellen Ann Wardrop (B.A. 1978) is a pilot with American Airlines.

Paul Talaga (Ph.D. 1978) is a Professor of Mathematics, Weber State University, Ogden, UT.

Jennifer Bappert (B.A. 1978) is Senior Market Support Representative, Data Systems Software Marketing Programs, IBM, White Plains, NY.

Martin Day (Ph.D. 1978) is an Assoc. Professor of Mathematics, Virginia Polytech, Blacksburg, VA.

David Young (Ph.D. 1979) currently works for Boeing in Seattle, WA.

Ken Johnson (Ph.D. 1980) is an Associate Professor of Mathematics at North Dakota State University, Fargo, ND.

Armand J. Potestio (B.A. Math 1980, B.S. Pharmacy 1984) is a pharmacist at Wright State University, Dayton, OH.

Kevin Brundage (B.A. 1981) is a System Analyst III with NOAA in Boulder, CO.

Eric Wainwright (B.A. 1981) is Vice President, Product Development, Market Engineering Corp., Denver, CO. He oversees the development of two major decision support products for the Macintosh computer. Best Answer is a mathematical programming application; Crystal Ball is a monte carlo simulation application. Both work in conjunction with popular spreadsheet programs.

Cynthia M. Joyce (B.A. 1982) received a B.S. in Chemical and Petroleum Refining from Colorado School of Mines in 1985 and is a Senior Chemical Engineer at EG&G Rocky Flats Inc., Rocky Flats Plant, Golden, CO.

David M. Rodvold (B.A. Math 1982 at UCB, MBS 1987 at UCCS) is a Research Scientist at Kaman Sciences Corp., Colorado Springs, CO.

Dale Lear (B.A. 1983) received a Ph.D. from the University of Washington in 1990 and is a self-employed Mathematical Consultant in Seattle, WA. Brent P. Jenkins (B.A. 1983) is a Lieutenant in the U.S. Navy, presently pursuing an M.A. in National Security Affairs, Naval Postgraduate School, Monterey, CA.

Karen Rudolph (B.A. Math 1984, B.A. MCD Biology 1984) received a Ph.D. from Dartmouth College (Molecular Biology), and now has a Post Doctoral Fellowship at UCLA.

John E. Ratledge (B.A. 1985) is (or was) presently working toward a masters in statistics at the University of Akron, Akron, OH.

Bill Reynolds, Jr. (B.A. 1985) is a Software Engineer at Dynamic Information Systems Corp (DISC) in Denver.

Burton Fox (B.A. 1985) is a Systems Analyst at the University of Colorado, Administrative Systems Group.

Teresa L. Gergen (B.A. 1985) is Senior Systems Programmer, University of Arizona, Tucson, AZ.

Paul R. Poulsen (B.A. 1985 with Ed. Dip.) is a Nuclear Safety Information Systems Specialist, Illinois Dept. of Nuclear Safety, Springfield, IL.

Jacqueline Dunne Kotok (M.A. 1986) is Adjunct Professor at Monroe Community College, Rochester, NY.

Cathy Kessal (Ph.D. 1986) is a part-time instructor at Vista Community College, Berkeley, CA.

Bruce Wagner (B.A. 1986) is a math teacher with the Los Angeles Union School District, Bell High School, Bell, CA.

Mary Porter (M.A. 1987) is currently a grad student and teaching assistant at Syracuse University working on a Ph.D. in Math Education.

Thomas A. Fairhall (B.A. Math and Physics, 1988) expects to finish his J.D. at John Marshall Law School, Chicago in 1991. He also expects to become an associate with Allegretti and Witcoff, Ltd., a law firm specializing in patent and intellectual property law in Chicago.

Elizabeth Topping (B.A. 1989) is presently a 6th grade mathematics teacher at Kingsville Memorial Middle School, Kingsville, TX. In the summers she teaches at the University of Colorado's Pre-Collegiate Development Program.

Nancy Jean Wyshinski (Ph.D. 1991) is an Asst. Professor of Mathematics at Trinity College, Hartford, CT.

Brian May (B.A. Math and History) is a math teacher at Temecula Valley High School in Temecula, CA.

MATHEMATICS FACULTY LOSS

Arne Magnus died on October 19, 1991 at the age of 69. Arne taught in the Mathematics Department at UCB from 1956 through 1966, and served as department chair for several years. From then until his death he was a professor of mathematics at Colorado State University at Fort Collins. During the years at CSU Arne kept close ties with the CU-Boulder mathematics faculty and was an active participant in the approximation theory seminar.

MATHEMATICS DEPARTMENT 1992-93 ANNUAL FUND

We invite you to designate your 1992-93 CU Annual Fund gift to the Mathematics Department. To ensure accurate processing of your gift, please complete this form and mail it along with your tax deductible contribution to the CU Foundation, P.O. Box 1140, Boulder, CO 80306.

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ATTENTION ALUMNI:

Please return this form to the address below if you have moved or if you have news to share. We are interested in what you have been doing since graduating from the University of Colorado. We will publish this information in subsequent newsletters.

Newsletter Editor

Department of Mathematics

Campus Box 395 University of Colorado Boulder, CO 80309-0395 NAME _____ CU degree(s) and date(s) Major Professor _____ Degree(s) from other schools _____ Present position, employer, location Awards, honors, fellowships Current mailing address _____ Other news of interest



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