

national association of mathematicians



volume XXXIV number 3 fall 2003

CONTENTS

In the News	1
News from Africa	1
CAARMS9	3
MET Summit II	4
Conference on Mathematical Education Application Form	5
MAA Prep	8
Job Openings	8
NAM Board, Elections and Terms	26

IN THE NEWS

Dr. James Curry was NAM's BLACKWELL LECTURER for the 2003 MAA MathFest in Boulder, Colorado.

Joint NAM and Banneker Association conference in October 2003. See the article MET II and application form inside.

NEWS FROM AFRICA

International Conference of Mathematical Sciences Medals for Best Young Africans

In - 2003 there will be held the International Conference of Mathematical Sciences. At the conference will be the maiden award of *Medals for Best Young Africans*.

VENUE: UNIVERSITY OF AGRICULTURE, ABEOKUTA, OGUN STATE, NIGERIA

DATE: 16TH NOVEMBER 2003 TO 22ND NOVEMBER 2003

INVITED SPEAKERS: Prospective Medallists; Established African Mathematicians in Europe and USA; Other Established Mathematicians.

BACKGROUND: The recently concluded International Congress of Mathematicians, ICM-2002 Beijing China, showed clearly that African mathematicians have a lot to do in order to make meaningful impact in terms of ICM general participation and World Mathematics Fields Medals Awards. It was also observed sadly enough that less than three percent of the participants in the ICM2002 are Africans. In order to promote the teaching, learning and research in all aspects of Mathematics among Africans, which will eventually enable African Mathematicians to make a big impact on the world stage. The committee of African Mathematicians at Beijing 2002, decided to organise an International Conference of mathematical Sciences and the maiden Award of African Medals for Young African Mathematicians in 2003 at the University of Agriculture, Abeokuta, Nigeria.

The award is open to ANY AFRICAN who has

(1) Obtained Ph.D. degree in any area of Mathematical Sciences;

(ii) Who will not exceed 40 years of age in the year of the award (2003);

- (iii) Who has published reasonable number of papers in reputable journals;
- (iv) The candidate shall submit a maximum of 10 of his/her best publications and cv for assessment;
- (v) Individuals are free to apply;
- (vi) Individuals and institutions are free to nominate candidates for the awards.

The awards are likely going to be given in five broad areas (i.e. all AMS subject classifications will be grouped into these five areas - candidates should indicate in which subject area they wish to be considered;

1) Pure Mathematics; 2) Applied Mathematics (including Theoretical Physics); 3) Statistics (including Probability, Biometrics, etc.); 4) Computer Sciences (including Computer Engineering etc.); 5) Mathematics Education (and relevant subjects).

Abstracts for short contributed papers on any of the above classifications are also invited.

For more information, email, fax, or phone Professor Oluwole D. Makinde at the means given below. There is also a detailed announcement on line at <http://www.math.buffalo.edu/mad/Africa-today/2003.icms.html>

CONTACT: Professor Oluwole D. Makinde; Applied Mathematics Department; University of the North; Private Bag X1106; Sovenga 0727, South Africa
Tell: +27-15-2682459 (Office) Tel/Fax: +27-15-2912395 (Home) Cellphone: 0822005182
Fax: +27-15-2683075 (Office)

E-Mail: makindeo@unorth.ac.za; dmakinde@worldonline.co.za; dmakinde@yahoo.com

Death of Khalil Jaouiche

Khalil Jaouiche, French historian of mathematics of Egyptian origin died on September 2, 2002, in Paris at the age of 78. His works in the history of mathematics deal essentially with the continuation of the Greek tradition of Alexandria in Arab mathematics. In this context he published two important books:

* *Le livre du Qarasn de Thabit Ibn Qurra*, Brill, Leiden, 1976.

* *La théorie des parallèles en pays d'Islam*, Vrin, Paris, 1986

Ishango Bone

The oldest mathematical object, the Ishango Bone, came from Congo. It is kept at a Museum in Brussels Belgium. The primary web page for the Ishango Bone, can be found on the web page of Dirk Huylebrouck: http://193.75.136.15/~dhuylebrouck/Ishango_web.htm

Election to the African Academy of Sciences (AAS)

In "recognition of his distinguished career and achievements", AMUCHMA's Chairman Paulus Gerdes was elected a Fellow of the African Academy of Sciences. The AAS Governing Council approved his election in November 2002. He became the first Mozambican scholar to be elected to the AAS

AMUCHMA Names US Board Member

The African Mathematical Union's Committee for the History of Mathematics in Africa is called AMUCHMA. Scott Williams, editor of the NAM Newsletter, has been named an Associate Member of the Board of the Newsletter AMUCHMA).

Support AMUCHMA

For 27 issues, the African Mathematical Union's Commission on the History of Mathematics in Africa (AMUCHMA) has revealed new and interesting mathematical material to the world of history, archeology, and education. The reproduction and distribution of the first 24 issues of the AMUCHMA Newsletter counted with the generous support from the Research Department of the Swedish International Development Agency (SIDA-SAREC). The contract with SIDA-SAREC came to an end and there is a call for support financially AMUCHMA's activities and/or to suggest alternative sources of financing. The newsletter is free and accessible on the website: http://www.math.buffalo.edu/mad/AMU/amuchma_online.html

CAARMS9

by William A. Massey

The Ninth Conference for African-American Researchers in the Mathematical Sciences (CAARMS9) was held at Purdue University during the dates of June 24-27, 2003. Over seventy-five researchers and students attended the conference.

The following invited speakers gave one hour lectures about their current research:

Naiomi Cameron, Harvey Mudd College
Richard Charles, Math Learning Institute
John Albert Ewell III, Northern Illinois University
Nancy Glenn, University of South Carolina
Abba B. Gumel, University of Manitoba
John Harkless, Howard University
Raquel Hill, Georgia Institute of Technology
Trachette Jackson, University of Michigan
Tor A. Kwembe, Chicago State University
Richard Tapia, Rice University
Rodney Wallace, IBM / George Washington University

In addition, three-day tutorials were given by:

Rodrigo Banuelos of Purdue University on real analysis and probability theory.
Garikai Campbell of Swarthmore College on elliptic curves and cryptography.

There were seventeen students participating in the graduate poster session. Awards were given to the following students for their outstanding work:

Best poster on modeling: Angela E. Grant, University of Maryland - College Park
Best poster on computation: Robert C. Hampshire, Princeton University
Best poster on theory: Monica C. Jackson, Auburn University
Best presentation of poster: Kingsley A. Reeves Jr., University of Michigan
Honorable mention: Chantal L. Edwards University of Maryland - Baltimore County

Finally, the banquet keynote speaker was James E. West of Johns Hopkins University and formerly of Bell Laboratories. The title of his presentation was "Talking Drums, Microphones and African-Americans in Technology". He discussed his more than 40 year career in science and technology. He is not only a co-inventor of the modern day electret-microphone but he was also one of the founders of the Bell Laboratories Cooperative Research Fellowship Program (CRFP).

For 30 years, the CRFP program has sponsored over 120 minority Ph.D.'s in the sciences. The impact of this program on just the African-American, mathematical sciences community can be measured by a list of some of the CRFP alumni: Duane Cooper, Theresa Edwards, Sidney Harris, Illya Hicks, Louise Hosseni-Nasab, Charles Isbell, Otis Jennings, Mark Lewis, Iris Mack, William A. Massey, Arlie Petters, Mark Smith, and Pamela Williams.

The sponsors of the conference were the National Security Agency (NSA), Purdue University and the Institute for Mathematics and its Applications (IMA). The organizers were Rodrigo Banuelos, Johnny Brown, and Carl Cowen of Purdue University as well as William A. Massey of Princeton University. A special thanks is in order for the exceptional work that Johnny Brown did as a local host for CAARMS9.

A list of abstracts for all the talks and posters presentations at CAARMS9 can be found at "<http://www.princeton.edu/~wmassey/CAARMS9>".

Next year's conference, CAARMS10, will be held June 22-25, 2004 at the Mathematical Sciences Research Institute (MSRI) in Berkeley, California.

MET SUMMIT II

A National Conference on the Mathematical Education of Teachers

The Benjamin Banneker Association (BBA) and the National Association of Mathematicians (NAM) in cooperation with the other member societies of the Conference Board of Mathematical Sciences (CBMS) is pleased to announce MET Summit II - a second National Conference on the Mathematical Education of Teachers. MET Summit II will be held October 11-12, 2003 at the Hilton Crystal City at National Airport in Arlington, VA. The Conference will emphasize participation of Historical Black Colleges and Universities (HBCU's) and other minority serving institutions involved in the mathematical education of teachers.

MET Summit II will feature working sessions on cooperative programs, courses, activities and materials that will engage the participants in planning local implementation of the ideas and recommendations in the CBMS publication "The Mathematical Education of Teachers". Invited speakers and session leaders include Lee Stiff, Freeman Hrabowski III, Judy Sowder, Robert Devaney, Barbara Franklin, Carol Malloy, Kenneth Millett, Paul Sally, Karen King, Sue Parsons, Henry Gore, Jim Lewis and Ruth Heaton.

Participants should apply in teams. Preference will be given to teams that include a mathematician, a mathematics educator, a college or university administrator with responsibility for teacher preparation programs, a community college mathematics faculty member, and a K-12 school system person involved in mathematics teacher preparation or in-service activities. There will be a nominal team registration fee of \$100. We expect to be able to cover housing and meal costs for participants. We also expect to offer ten \$3000 ExxonMobil innovation grants which are intended to help participant teams plan local improvements in teacher education and to prepare proposals for more substantial support from local, state or national agencies.

Additional information and application forms will be available by March 15, 2003 on the BBA website at <http://www.math.msu.edu/banneker> and the **NAM** website <http://jewel.morgan.edu/~NAM>. The Mathematical Education of Teachers book is on the CBMS website at <http://www.cbmsweb.org>

MET Summit II is contingent on grants from the National Science Foundation; ExxonMobil Foundation; Texas Instruments, Inc.

National Summit II on the Mathematical Education of Teachers
Hilton Crystal City at National Airport in
Arlington VA
October 11 and 12, 2003

Team Name (Sponsoring Institution(s)) _____

Number of Team Members

Team Leader (Primary Contact Person)

Name _____

Address _____

More Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

Email _____

Additional Team Members

Name _____

Address _____

More Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

Email _____

Name _____

Address _____

More Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

Email _____

Name _____

Address _____

More Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

Email _____

Name _____

Address _____

More Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

Email _____

Name _____

Address _____

More Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

Email _____

Please answer the following questions.

1. How many graduates of your institution each year intend to become

- a. Elementary or middle school teachers?
- b. High school mathematics teachers?

2. How many semester hours of mathematics content courses are required for graduation by your prospective

- a. Elementary school teachers?
- b. Middle school teachers?
- c. High school mathematics teachers?

3. What are the major issues faced by your program in the mathematical education of teachers?

Hotel Information

For each team member, place a check mark for which nights he or she will require a hotel room.

	Oct 10	Oct 11	Oct 12
Name _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Name _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Name _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Name _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Name _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Name _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

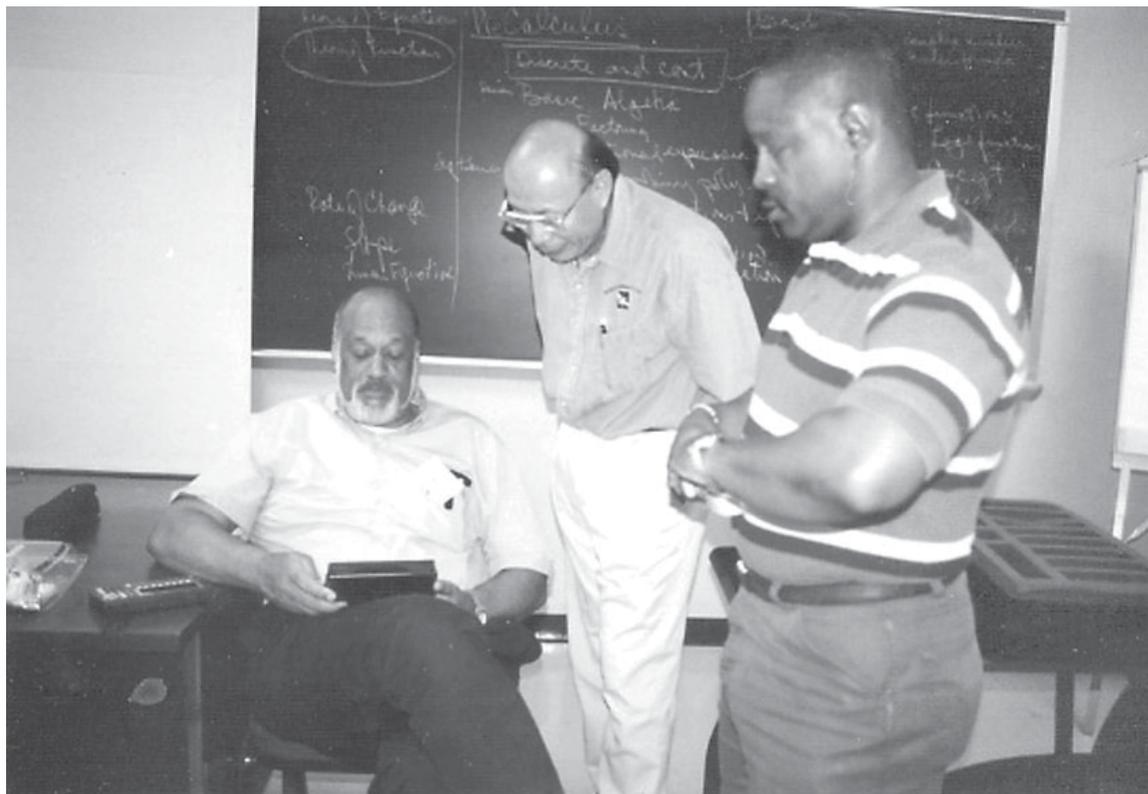
Please list the names of any persons who will be sharing a room and/or any special requirements.

Please indicate the total number of room nights for which you will need support.



MAA Prep

On May 26-30, 2003 a culturally diverse group of mathematics professors participated in an MAA PREP Workshop, entitled "Integrating Technology into Mathematics Instruction." The focus was on the use of technology in precalculus and calculus classes. Prof. Jacqueline Brannon Giles was the program director and Professors Wade Ellis, Queen Hamilton and William Hawkins were workshop presenters. HCC Central College's Academic Dean, Dr. Cheryl Peters served as an administrative consultant to assure that the interface between the workshop activities and the HCC system was smooth. The workshop was funded by the National Science Foundation and administered by the Mathematical Association of America.



This workshop was held in Houston, Texas at Houston Community College System -Central College during May 26-30, 2003. It was administered by the MAA and funded by the National Science Foundation.

JOB OPENINGS

Institute for Advanced Study

The School of Mathematics has a limited number of memberships, some with financial support for research in mathematics and computer science at the Institute during the 2004-2005 academic year. Candidates must have given evidence of ability in research comparable at least with that expected for the Ph.D. degree. During the academic year 2004-2005 the School will host a program on the Bloch-Kato conjecture RELATING MILNOR'S K-THEORY AND THE ETALE COHOMOLOGY. The activities of the program will include two or more weekly courses which should cover the proof of the Bloch-Kato conjecture. We also expect to have some activity in the general motivic homotopy theory.

The School of Mathematics and the Department of Mathematics at Princeton University have established the Veblen Research Instructorship, and three-year instructorships will be offered

each year to candidates who have received their Ph.D. within the last 3 years. The first and third year of the instructorship will be spent at Princeton University and will carry regular teaching responsibilities. The second year will be spent at the Institute and dedicated to independent research of the instructor's choice.

Application materials for both the IAS MEMBERSHIPS and the VEBLEN RESEARCH INSTRUCTORSHIP positions may be requested from Applications, School of Mathematics, Institute for Advanced Study, Einstein Drive, Princeton, NJ 08540, 609-734-8112, e-mail: applications@math.ias.edu. Information about the special program can be found on the School's homepage and application forms may be downloaded via a web connection to: <http://www.math.ias.edu>.

Both deadlines are December 1.

Mathematical Sciences Research Institute

The Mathematical Sciences Research Institute in Berkeley, California, solicits applications for membership during the 2004-2005 year, which will feature three programs:

HYPERPLANE ARRANGEMENTS AND APPLICATIONS (August 16 - December 17, 2004)
PROBABILITY, ALGORITHMS, AND STATISTICAL PHYSICS (January 3 - May 13, 2005)
MATHEMATICAL, COMPUTATIONAL, AND STATISTICAL ASPECTS OF
IMAGE ANALYSIS (January 3 - May 13, 2005)

In addition, MSRI continues the Complimentary Program, in which applications from candidates working in any field of mathematics are welcome.

MSRI has three award categories available to applicants: Research Professorships: partial salary support for at least three months, intended for mathematicians with PhDs awarded 1998 or earlier. Deadline: Sept. 27, 2003.

Postdoctoral Fellowships: support for five or ten months, intended for mathematicians with PhDs awarded 1999 or later. Deadline: Nov. 15, 2003.

General Memberships: partial support toward living and travel expenses. Deadline: Nov. 15, 2003.

Information and application form available on our webpage: <http://www.msri.org>

University of California at Berkeley

Charles B. Morrey Jr. Assistant Professorships

We invite applications for these special (nontenure-track) positions effective July 1, 2004. The terms of these appointments may range from two to three years. Applicants should have a recent Ph.D., or the equivalent, in an area of pure or applied mathematics. Applicants should send a resume, reprints, preprints and/or dissertation abstract, and ask three people to send letters of evaluation to The Vice Chair for Faculty Affairs at the above address. All letters of evaluation are subject to Berkeley campus policies on confidentiality of letters of evaluation, a summary of which can be found on our home page (<http://math.berkeley.edu> by clicking on *available teaching position*, and then *confidentiality policy*). We request that applicants use the AMS standardized application form and indicate their subject area using the AMS subject classification numbers. The form is the Academic Employment in Mathematics, Application Cover Sheet it is available courtesy of the American Mathematical Society.

Applications must be postmarked by December 1, 2003. Applications postmarked after the deadline will not be considered. The University of California is an Equal Opportunity, Affirmative Action Employer.

University of California at Berkeley

Temporary Postdoctoral Positions

Several temporary positions beginning in Fall 2004 are anticipated for new and recent Ph.D.'s of any age, in any area of pure or applied mathematics. The terms of these appointments may range from one to three years. Applicants for NSF or other postdoctoral fellowships are encouraged to apply for these positions. Mathematicians, whose research interests are close to those of regular department members, will be given some preference. Applicants should send a resume and reprints, preprints, and/or dissertation abstract, and ask three people to send letters of evaluation to The Vice Chair for Faculty Affairs at the above address. All letters of evaluation are subject to Berkeley campus policies on confidentiality of letters of evaluation, a summary of which can be found on our home page (<http://math.berkeley.edu> by clicking on *available teaching position*, and then *confidentiality policy*). We request that applicants use the AMS standardized application form and indicate their subject area using the AMS subject classification numbers. The form is the Academic Employment in Mathematics, Application Cover Sheet it is available courtesy of the American Mathematical Society.

Applications must be postmarked by December 1, 2003. Applications postmarked after the deadline will not be considered. The University of California is an Equal Opportunity, Affirmative Action Employer.

Department of Mathematics University of California at Berkeley Berkeley, CA 94720

University of California at Berkeley

Tenured or Tenured Track Position

Pending budget approval, we invite applications for one or more positions effective July 1, 2004 at either the tenure-track (Assistant Professor) or tenured (Associate or Full Professor) level, in the general areas of pure or applied mathematics.

Tenure track applicants are expected to have demonstrated outstanding research potential, normally including major contributions beyond the doctoral dissertation. Such applicants should send a resume, and reprint or preprints, and/or dissertation abstract, and ask three people to send letters of evaluation to The Vice Chair for Faculty Affairs at the above address. It is the responsibility of the tenure track applicants to make sure that letters of evaluation are sent. All letters of evaluation are subject to Berkeley campus policies on confidentiality of letters of evaluation, a summary of which can be found on our home page (<http://math.berkeley.edu> by clicking on available teaching positions).

Tenure applicants are expected to demonstrate leadership in research and should send a curriculum vitae, list of publications, a few selected reprints or preprints, and the names and addresses of three references to The Vice Chair for Faculty Affairs at the above address. Applicants should indicate whether they are applying for an Associate Professor or a Full Professor position. The department will assume responsibility to solicit letters of evaluation and will provide evaluators with a copy of the summary of policies on confidentiality of letters of evaluation.

All applicants are requested to use the AMS standardized application form and to indicate their subject area using the AMS subject classification numbers. The form is the Academic Employment in Mathematics, Application Cover Sheet it is available courtesy of the American Mathematical Society.

Applications for both Tenure track and Tenure applications must be postmarked by November 15, 2003. Applications postmarked after the deadline will not be considered. The University of California is an Equal Opportunity, Affirmative Action Employer.

Department of Mathematics University of California at Berkeley Berkeley, CA 94720

Northwestern University

Boas Assistant Professor

Applications are solicited for two Ralph Boas assistant professorships of three years each starting in September 2004. Fields of interest within the department include Algebra, Algebraic Geometry, Analysis, Dynamical Systems, Mathematical Physics, Probability, Partial Differential Equations and Topology. They are non-tenure track.

Applications should be sent to the Boas Selection Committee at the department address and include: (1) the American Mathematical Society's Application Cover Sheet for Academic Employment, (2) a curriculum vitae, and (3) three letters of recommendation including one which discusses in some detail the candidate's teaching qualifications. Inquiries may be sent via e-mail to: hiring@math.northwestern.edu.

Applications are welcomed at any time, but the review process starts December 1, 2003. Northwestern University is an affirmative action, equal opportunity employer committed to fostering a diverse faculty; women and minority candidates are especially encouraged to apply. Department of Mathematics Northwestern University 2033 Sheridan Road, Evanston, Illinois 60208-2730

Northwestern University

Tenure-Track or Tenured Positions

Applications are invited for anticipated tenure-track or tenured positions starting September 2004. Priority will be given to exceptionally promising research mathematicians. Fields of interest within the department include Algebra, Algebraic Geometry, Analysis, Dynamical Systems, Mathematical Physics, Probability, Partial Differential Equations, and Topology.

Application material should be sent to Personnel Committee, at the department address and include: (1) the American Mathematical Society's Application Cover Sheet for Academic Employment, (2) a curriculum vitae, and (3) at least four letters of recommendation including one which discusses in some detail the candidate's teaching qualifications. Inquiries may be sent via e-mail to: hiring@math.northwestern.edu.

Applications are welcome at any time, but the review process starts in October 2003. Northwestern University is an affirmative action, equal opportunity employer committed to fostering a diverse faculty; women and minority candidates are especially encouraged to apply.

Department of Mathematics Northwestern University 2033 Sheridan Road3 Evanston, Illinois 60208-2730

University at Buffalo, SUNY

Tenure Track

The Department of Mathematics anticipates the appointment of several tenure-track assistant professors, effective August, 2004. Salary will be competitive. We seek candidates from all fields, particularly Algebra, Applied Mathematics and Topology. Applicants should have excellent research accomplishments and potential, a Ph.D. in the mathematical sciences and a strong commitment to teaching.

A complete application consists of a curriculum vitae, a statement of research interests and four letters of recommendation. These materials should be sent to:

Search Committee
Department of Mathematics
University at Buffalo, SUNY
Mathematics Building 244
Buffalo, NY 14260-2900

The deadline for applications is November 3, 2003. Late applications will be considered until the positions are filled. No electronic applications will be accepted.

The University at Buffalo is an Equal Opportunity/Affirmative Action Employer/Recruiter. We are interested in identifying prospective minority and women candidates. No person, in whatever relationship with the University at Buffalo, shall be subject to discrimination on the basis of age, color, creed, handicap, marital status, national origin, race, religion, sex, sexual orientation or veteran status.

Pitzer College

Mathematics-Assistant Professor-Tenure Track

Pitzer College seeks a mathematician who can work with us to strengthen our mathematics program, especially for science and mathematics students; who can design and teach general-education courses that stress the beauty of mathematics and its relationship to the world; and who can engage the interest of women and minority students in mathematics.

Candidates should have a commitment to undergraduate teaching at a liberal arts college where there is an emphasis on high-quality instruction and research. Demonstrated excellence in teaching and research are required. Applicants must have completed the Ph.D. in mathematics by Summer, 2004. The field of specialization is open.

Pitzer College, a member of the Claremont Colleges, has a strong institutional commitment to the principles of diversity in all areas and strongly encourages candidates from underrepresented social groups. We favor candidates who can contribute to the College's distinctive educational objectives, which promote interdisciplinary perspectives, intercultural understanding, and concern with social responsibility and the ethical implications of knowledge and action. Pitzer College is an Affirmative Action/Equal Opportunity Employer. For the successful applicant with the relevant interests, affiliations are possible with the intercollegiate departments of Asian American Studies, Black Studies, Chicano/Latino Studies, and/or Women's Studies. Over 40 Ph.D. mathematicians, a weekly colloquium series, research-level seminars, and fine mathematical library collections are present in Claremont.

To apply, send a letter of application, curriculum vitae, selected evidence of excellence in teaching and research, statement of teaching philosophy, a description of your research, and three letters of recommendation to Alan Jones, Dean of Faculty, 1050 N. Mills Ave, Claremont, CA 91711. Applications received by November 14, 2003 will be given first consideration.

Dartmouth College

John Wesley Young Research Instructorship

The John Wesley Young Instructorship is a post-doctoral two-year appointment intended for promising Ph.D. graduates with strong interests in both research and teaching and whose research interests overlap a department member's. Current research areas include algebra, analysis, combinatorics, geometry, logic and set theory, number theory, probability, and topology. Instructors teach four ten-week courses distributed over three terms, though one of these terms in residence may be free of teaching. The assignments normally include introductory, advanced undergraduate, and graduate courses. Instructors usually teach at least one course in their own specialty. Nine-month salary of \$44,676.00 supplemented each year by summer research stipend of \$9,928.00 for Instructors in residence for two months in summer. To be eligible for a 2004-2006 Instructorship, candidate must be able to complete all requirements for the Ph.D. degree before September, 2004. Applicants should get a copy of the application information and the required response-form at <http://www.math.dartmouth.edu/recruiting/>. Or, submit a letter of application, curriculum vitae, graduate school transcript, thesis abstract, statement of research plans and interests, and at least three, preferably four, letters of recommendation to Donna Black, Department of Mathematics, Dartmouth College, 6188 Bradley Hall, Hanover, New Hampshire 03755-3551. At least one referee should write about applicant's ability; at least two referees should write about applicant's research ability. Applications received by January 5, 2004 receive first consideration; applications will be accepted until position is filled. Dartmouth College is committed to diversity and strongly encourages applications from women and minorities.

Dartmouth College

Tenure Track Assistant Professor

The Department of Mathematics anticipates a tenure-track opening with initial appointment in the 2004-2005 academic year. The position is for an Assistant Professor in Applied Mathematics who has practical experience in statistical techniques and methods. Various applied projects in the department are currently funded by NSF, NIH, and DoD. Active collaborations with computer science, the medical and engineering schools, and programs in cognitive neuroscience exist. Collaborations and/or appointments in Dartmouth's M.D./Ph.D. program, as well as Dartmouth's Institute for Secure Technologies Studies, are also possible. Candidates with several years of experience should be able to give evidence of a research program that has achieved peer-recognition and which promises future research leadership in the mathematical community. Candidates who do not have this level of experience must have demonstrated the potential for future mathematical research leadership in their Ph.D. work. In exceptional circumstances, an appointment to a higher level may be possible.

Candidates for the position must be committed to outstanding teaching and interaction with students at all levels of undergraduate and graduate study, and must demonstrate an exceptional potential for research. Candidates should have demonstrated practical experience in statistical techniques and methods and be eager to take responsibility for the department's statistics offerings.

To create an atmosphere supportive of research, Dartmouth offers new faculty members grants for research-related expenses, a quarter of sabbatical leave for each three academic years in residence and flexible scheduling of teaching responsibilities. The teaching responsibility in mathematics is two courses per quarter for two ten-week quarters or one course for each of two quarters and two courses for one quarter. The combination of committed colleagues and bright, responsive students encourages excellence in teaching at all levels.

To apply, get a copy of the application information and the required response-form at <http://www.math.dartmouth.edu/recruiting/>. Or, send a letter of application, curriculum vitae, and a brief statement of research results and interests, and arrange for four letters of reference, at least one of which specifically addresses teaching, to be sent to Donna Black, Recruiting Secretary, Department of Mathematics, Dartmouth College, 6188 Bradley Hall, Hanover, New Hampshire 03755-3551. Applications received by January 5, 2004 will receive first consideration.

Dartmouth College is committed to diversity and strongly encourages applications from women and minorities. Inquiries about the progress of the selection process may be directed to Dan Rockmore, Recruiting Chair.

York University

Faculty of Pure and Applied Science/ Applied mathematics

Applications are invited for an NSERC University Faculty Award, at the Assistant Professor level in the Department of Mathematics and Statistics to commence July 1, 2004. Applications in the areas of Computational or Industrial Mathematics will be considered. The successful candidate must have a PhD and is expected to have a proven record of research excellence, and superior teaching ability. Preference will be given to candidates who can strengthen existing areas of present and ongoing research activity. All positions at York are subject to budgetary approval and the selection process will begin September 22, 2003. Applicants should send resumes and arrange for three letters of recommendation (one of which should address teaching) to be sent directly to:

UFA Applied Math Search Committee
Department of Mathematics and Statistics
York University
4700 Keele Street
Toronto, Ontario
Canada M3J 1P3
Fax: 416-736-5757
Email: ufa-appl.recruit@mathstat.yorku.ca
<http://www.math.yorku.ca/Hiring>

The UFA program is directed to women and aboriginal peoples. York University is an Affirmative Action Employer. The Affirmative Action Program can be found on York's website at <http://www.yorku.ca/acadjobs> or a copy can be obtained by calling the affirmative action office at 416-736-5713. All qualified candidates are encouraged to apply; however, Canadian citizens and Permanent Residents will be given priority.

Bowdoin College

Tenure Track

A tenure-track Assistant Professorship starting Fall, 2004, open to all applicants but with a strong preference for candidates specializing in algebra. Ph.D. preferred, ABD considered. Applicants must demonstrate the potential to develop a strong research program as well as the potential for excellence in teaching. Normal teaching load is two courses per semester. Review of applications begins October 12. Send completed AMS application cover sheet (www.ams.org), resume, 3 letters of recommendation, and any available evidence of teaching excellence to Chair, Mathematics Department, Bowdoin College, 8600 College Station, Brunswick, ME 04011-8486.

Include e-mail address. Bowdoin College is committed to equal opportunity through affirmative action. Women and minorities are encouraged to apply. Bowdoin College is a private, undergraduate institution located half an hour from Portland and 2 hours from Boston. More information about the Department and College can be found at the website: <http://www.bowdoin.edu>.

Loyola Marymount University

The Mathematics Department of Loyola Marymount University will have at least one tenure-track opening at the assistant professor level for the academic year 2004-2005. Responsibilities include teaching, advising, maintaining an active program of scholarship, and engaging in university service. Applicants are expected to have a Ph.D. in mathematics or a related field by Fall 2004. Individuals working in any area of mathematics including mathematics education will be considered; in addition, those with demonstrable interest in the preparation of elementary or high school mathematics teachers are urged to apply. The University and the Mathematics Department have a strong commitment to nurturing a culturally diverse faculty and student body. Women and persons of color are encouraged to apply.

Loyola Marymount University is a comprehensive Catholic university whose focus is excellence in undergraduate education. The Mathematics Department, housed within the University's College of Science and Engineering, is a community of seventeen full-time faculty members and approximately 45 mathematics majors and 25 minors. The faculty of the department work in many areas of mathematics in an atmosphere of mutual respect and collegiality. The teaching load at Loyola Marymount is typically 3 courses (9 hours/week) each semester. Additional information about the LMU Mathematics Department is available online at cse.lmu.edu/mathematics/. LMU offers faculty housing assistance. Salaries and other benefits are competitive and commensurate with background and experience.

Loyola Marymount University is a community of 8,000 students, faculty, and staff in the colleges of Liberal Arts, Business Administration, Science and Engineering, Communication and Fine Arts, the School of Film and Television, the School of Education, and the Law School. Because of its mission based on the Jesuit and Marymount traditions in Catholic higher education the University invites candidates who desire to be part of a tolerant community that welcomes cultural, ethnic, and spiritual diversity.

A complete application consists of an AMS cover sheet, letter of interest, *curriculum vitae*, statement on teaching philosophy, a description of the applicant's current scholarship program, and three letters of recommendation at least one of which addresses the applicant's teaching.

Loyola Marymount University is an Equal Opportunity, Affirmative Action Employer. We will begin screening applications on December 3, 2003. Applicants who will be attending the Joint Mathematics Meetings in January, 2004 should indicate this in their cover letter. Please send applications materials to

Professor Michael Grady
Chair, Hiring Committee
Mathematics Department, Loyola Marymount University
One LMU Drive, Suite 2700
Los Angeles, CA 90045-2659.

Syracuse University

Algebra/Topology

The department seeks to fill a tenure-track position in algebra/topology beginning August, 2004. Ph.D. in mathematics required. Candidates should have a record of strong accomplishment and potential in both research and teaching. Although preference will be given to candidates in algebra or topology, exceptional candidates in all areas will be considered. Preference will also be given to candidates who have postdoctoral experience and whose research interests overlap and/or complement those of existing faculty. Areas of algebra and topology presently represented in the department include algebraic geometry, algebraic topology, commutative algebra, noncommutative algebra, and representations of algebras. See <http://math.syr.edu> for more information.

Applications should include a cover letter, CV, three letters of recommendation addressing research qualifications, and at least one letter of recommendation addressing teaching. Send applications to Chair, Department of Mathematics, Syracuse University, Syracuse, NY 13244. Screening of candidates begins November 15, 2003 and continues until the position is filled.

Syracuse University is an Equal Opportunity/Affirmative Action Employer committed to fostering a diverse faculty; women and minority candidates are especially encouraged to apply.

Syracuse University

Analysis

The department seeks to fill a position in analysis, without restriction on rank, beginning August, 2004. Ph.D. in mathematics required. Senior level candidates should have a record of outstanding accomplishment and potential in both research and teaching. Junior level candidates should have a record of strong accomplishment and potential in both research and teaching. Although preference will be given to candidates in analysis, exceptional candidates in all areas will be considered. Preference will also be given to candidates whose research interests overlap and/or complement those of existing faculty. Areas of analysis presently represented in the department include real analysis, PDE, several complex variables, and probability. See <http://math.syr.edu> for more information.

Applications should include a cover letter, CV, three letters of recommendation addressing research qualifications, and at least one letter of recommendation addressing teaching. Send applications to Chair, Department of Mathematics, Syracuse University, Syracuse, NY 13244. Screening of senior level candidates is ongoing. Screening of junior level candidates begins November 15, 2003 and continues until the position is filled.

Syracuse University is an Equal Opportunity/Affirmative Action Employer committed to fostering a diverse faculty; women and minority candidates are especially encouraged to apply.

Syracuse University

Applicable Mathematics

The department seeks to fill a tenure-track position in applicable mathematics beginning August, 2004. Ph.D. in mathematics required. Candidates should have a record of strong accomplishment and potential in both research and teaching. Although preference will be given to candidates in applicable mathematics, exceptional candidates in all areas will be considered. Preference will also be given to candidates who have postdoctoral experience and whose research interests overlap and/or complement those of existing faculty. Areas of applicable mathematics presently represented in the department include applied mathematics/numerical analysis, combinatorics, and statistics. See <http://math.syr.edu> for more information.

Applications should include a cover letter, CV, three letters of recommendation addressing research qualifications, and at least one letter of recommendation addressing teaching. Send applications to Chair, Department of Mathematics, Syracuse University, Syracuse, NY 13244. Screening of candidates begins November 15, 2003 and continues until the position is filled.

Syracuse University is an Equal Opportunity/Affirmative Action Employer committed to fostering a diverse faculty; women and minority candidates are especially encouraged to apply.

Syracuse University

Philip T. Church Postdoctoral Fellowship

The Mathematics Department invites applications for its Philip T. Church Postdoctoral Fellowship. Responsibilities of this two-year position include conducting research, contributing to the intellectual life of the Department, and teaching. Applicants should have a recent Ph.D. in an area of pure or applied mathematics and strong potential in both research and teaching. Preference will be given to candidates whose research interests overlap and/or complement those of existing faculty. See <http://math.syr.edu> for more information.

Applications should include a CV, three letters of recommendation addressing research qualifications, and at least one letter addressing teaching. Send applications to Chair, Department of Mathematics, Syracuse University, Syracuse, NY 13244. Screening of candidates begins December 15, 2003.

Syracuse University is an Equal Opportunity/Affirmative Action Employer committed to fostering a diverse faculty; women and minority candidates are especially encouraged to apply.

Baylor University

Department of Mathematics

Applications are sought for two open-rank tenure-track positions and one postdoctoral position in the Baylor University mathematics department beginning in the August 2004. Please visit the departmental website,

<http://www3.baylor.edu/Math/position.html>, for a complete description of the positions.

Monmouth University

Two tenure-track mathematics positions: The Mathematics Department of Monmouth University is seeking two full-time faculty members for tenure track appointments which start August 25, 2004. Both positions require a Ph.D. in mathematics or mathematics education (if mathematics education, at least the equivalent of a masters degree in mathematics is required). Dedicated, effective teaching is the primary responsibility; duties include teaching both upper and lower level mathematics courses. Mathematicians working in any field of research within the mathematical sciences are invited to apply. We're particularly interested in hiring faculty with active scholarly interests in algebra or number theory, research in undergraduate mathematics education, developmental mathematics, or the mathematical education of teachers. There are expectations of continued scholarly activity consistent with the 9-credit per semester teaching load, as well as university service. If you have questions about the position or the department, contact the department chair, Bonnie Gold, bgold@monmouth.edu.

The Mathematics Department has 13 full-time faculty members and approximately 12 part-time instructors. The Department offers baccalaureate programs in mathematics and mathematics education. The normal teaching load for tenure-track faculty is 9 credit hours per semester. The Department has a dedicated computer teaching laboratory, and administers the Mathematics Skills Center, which provides peer tutoring. More information on the department can be found at <http://www.monmouth.edu/academics/deptlinks/mathematics.asp>. Monmouth University, located in Monmouth County along the Central Jersey shore approximately one hour south of New York City and 1.5 hours east of Philadelphia, designated a teaching university by the State of New Jersey, has 5400 students, of whom 1400 are at the graduate level. Our location puts us near a wide variety of industries, including telecommunications, financial, educational testing, and computer software.

Applicants should send cover letter, resume, teaching statement, application form (available at <http://mathematics.monmouth.edu/app/GenAppl/form.htm> or request by telephone from the department secretary, 732-571-4461), copies of graduate transcripts, and 3 letters of reference, at least one of which should discuss the applicant's teaching, to: Frank Lutz, Dean School of Science, Technology and Engineering Monmouth University West Long Branch, NJ 07764-1898

Applications and supporting materials must be postmarked on or before December 1, 2003 to assure full consideration. MONMOUTH UNIVERSITY IS AN EQUAL OPPORTUNITY, AFFIRMATIVE ACTION EMPLOYER

University of Dayton

Applications are invited for an anticipated tenure track position in the Department of Mathematics at the assistant professor level starting in August 2004.

Candidates must have a Ph.D. in mathematics, financial mathematics, statistics, or some related field. Preference will be given to applicants with experience in stochastic or computational methods in financial mathematics. Applicants must have a strong commitment to research, and the potential to become an effective teacher. Responsibilities include teaching, mentoring, and curriculum development in support of a newly developed MS program in Financial Mathematics. Further responsibilities include teaching in a strong undergraduate major in mathematics, research, and service.

The selection process begins December 15, 2003. To receive full consideration, all materials must be received by January 14, 2004. A complete application consists of a resume, three letters of recommendation, a statement of research and professional plans, and a statement of teaching philosophy. Both teaching abilities and research abilities should be addressed in the letters of recommendation. Please include an e-mail address in your correspondence. Send applications to: Dr. Joe Mashburn, Chair of the Mathematics Search Committee, Department of Mathematics, University of Dayton, Dayton, OH 45469-2316.

Contact the search committee at joe.mashburn@udayton.edu. To obtain further information, see <http://www.udayton.edu/~mathdept>.

The University of Dayton is a private comprehensive Catholic university founded by the Society of Mary in 1850. It has more than 6000 undergraduate and 3000 graduate students. The Department of Mathematics offers the B.A. and B.S. degrees in mathematics, the B.S. degree in applied mathematical economics, and the M.S. degree in applied mathematics. The University of Dayton is an Equal Opportunity/Affirmative Action employer. Women, minorities, individuals with disabilities, and veterans are encouraged to apply. The University of Dayton is firmly committed to the principle of diversity.

Purdue University Department of Mathematics

Applications are invited for tenure-track Assistant Professor or three-year Research Assistant Professor appointments beginning August 2004. Ph.D. by August 16, 2004, exceptional research promise, and strong teaching record are required.

Applications will also be accepted for possible appointments at the Associate Professor/Professor level. Ph.D. and excellence in research and teaching are required.

Outstanding applicants from various mathematical research areas will be considered. Because the department has several openings in applied mathematics, candidates who have significant research accomplishments in applied mathematics or computational applied mathematics are especially encouraged to apply.

Several positions may be available for terms ranging from one semester to two years beginning August 2004.

All applicants should have research interests in common with Purdue faculty. Send vita, summary of research interests/plans, and arrange for three letters of recommendation (one addressing teaching) to be sent to: Head, Department of Mathematics Purdue University, 150 N. University St., West Lafayette, IN 47907-2067.

Review of applications will begin November 15, 2003 and continue until available positions are filled. Offers for tenured and tenure-track positions may be made at any time; some offers for RAP and visiting positions will be made before the end of January 2004.

The Mathematics Department is participating in the development of several interdisciplinary research clusters at Purdue. Please refer to <http://www.science.purdue.edu/COALESCE/> for details about these positions and application procedures.

Purdue University is an Affirmative Action/Equal Opportunity Employer.

Georgetown University Department of Mathematics

The Department has one tenure-track position at the Assistant Professor level beginning August 25, 2004. The Ph.D. degree in mathematics is required with strong research credentials in analysis, applied mathematics, or mathematical statistics, and interests commensurate with those of the department. The Department is committed to excellence in both research and undergraduate teaching, and is looking toward reestablishment of a graduate program with a concentration in applied mathematics and statistics.

An application should include: a completed AMS standard cover sheet, a curriculum vitae, reprints or preprints of no more than three research papers, evidence of effective undergraduate teaching, and at least three letters of recommendation. Send to: Professor Hans Engler; Chairman of the Hiring Committee; Department of Mathematics; Georgetown University; Washington, DC 20057-1233

Consideration of complete applications will begin December 1, 2003, and will continue until available positions are filled. Georgetown University is an Equal Employment Opportunity and Affirmative Action institution in employment and admissions.

Loyola College of Maryland Assistant/Associate Professor

Applications are invited for one full time, tenure-track, Ph.D. position beginning in Fall 2004. The department seeks expertise in one or more of the following areas: discrete mathematics, abstract algebra, or graph theory. Applications will be considered at the associate professor level as well as for entry-level assistant professors. Candidates must have demonstrated excellence in teaching and either a proven research record or research potential. Our homepage, www.loyola.edu/mathsci, provides further information about the department and www.loyola.edu/academics/collegeofartsandsciences/ provides information about the College of Arts and Sciences. Please submit a resume, statement of research objectives, outline of teaching philosophy, and arrange to have three letters of reference, at least one of which addresses the applicant's teaching ability, sent to Dr. Christopher Morrell, Chair, Mathematical Sciences Department, Loyola College, 4501 North Charles Street, Baltimore, MD 21210-2699. The deadline for applications is December 1, 2003.

Loyola College is a dynamic, highly selective, Jesuit Catholic institution in the liberal arts tradition and is recognized as a leading independent, comprehensive university in the northeastern United States. Located in a beautiful residential section of Baltimore with Graduate Centers in Timonium and Columbia, Loyola enrolls over 3,200 students in its undergraduate programs and 3,000 students in its graduate programs. The College welcomes applicants from all backgrounds who can contribute to its educational mission. Loyola is an Equal Employment Opportunity Employer, seeking applications from underrepresented groups. Additional information is available at www.loyola.edu.

Miami University of Ohio

The Department of Mathematics and Statistics invites applications for a tenure track position at the Assistant Professor level starting in Fall 2004. Duties include continuing research, teaching graduate and undergraduate courses, and service. Applicants must have completed a Ph.D. by August 2004 in a mathematical science, with primary research interest compatible with those of the department <http://www.muohio.edu/mathstat>. Preference will be given to applicants in applied mathematics, particularly those specializing in control, optimization, modeling, numerical analysis, applied differential equations or applied probability. Applications from women and minorities are especially welcome. Applicants should send a letter of application, an AMS cover sheet, vita, description of current research, and a statement of teaching philosophy. They should also arrange for three letters of reference (at least one of which must address the applicant's teaching) to be sent to: Mathematics Search, Department of Mathematics and Statistics, Miami University, Oxford, Ohio 45056. Applications will be accepted until the position is filled; however, screening of applications will begin on December 1, 2003. Miami University is an Affirmative Action/Equal Opportunity Employer.

York University Financial Mathematics, Mathematical Analysis, or Applied Mathematics

Applications are invited for three tenure-track appointments at the Assistant Professor level in the Department of Mathematics and Statistics to commence July 1, 2004. Applications in the areas of Actuarial or Financial Mathematics, Mathematical Analysis, or Applied Mathematics (Computational or Industrial Mathematics) will be considered. Each successful candidate must have a PhD and is expected to have a proven record of research excellence and superior teaching ability. For the Actuarial or Financial Mathematics position, the candidate must have the background to teach and advise students in the department's actuarial program, and preference will be given to candidates who will contribute to existing areas of strength within the department. For the Analysis and Applied Mathematics positions, preference will be given to candidates who can strengthen existing areas of present and ongoing research activity. All positions at York are subject to budgetary approval. The selection process will begin January 5, 2004. Applicants should send resumes and arrange for three letters of recommendation (one of which should address teaching) to be sent directly to:

Actuarial Search Committee or
Analysis Search Committee or
Applied Mathematics Search Committee
Department of Mathematics and Statistics
York University
4700 Keele Street
Toronto, Ontario
Canada M3J 1P3

Fax: 416-736-5757

Email: actuarial.recruit@mathstat.yorku.ca or analysis.recruit@mathstat.yorku.ca or
applied.recruit@mathstat.yorku.ca, www.math.yorku.ca/Hiring

York University is an Affirmative Action Employer. The Affirmative Action Program can be found on York's website at www.yorku.ca/acadjobs or a copy can be obtained by calling the affirmative action office at 416-736-5713.

All qualified candidates are encouraged to apply; however, Canadian citizens and Permanent Residents will be given priority.

University of Texas at Austin

Expected openings for Fall 2004 include: **(a)** Instructorships, some that have R.H. Bing Faculty Fellowships attached to them and others that are VIGRE Instructorships, and **(b)** four positions at the tenure-track/tenure level.

(a) Instructorships at The University of Texas at Austin are postdoctoral appointments, renewable for two additional years. It is assumed that applicants for Instructorships will have completed all Ph.D. requirements by August 25, 2005. Other factors being equal, preference will be given to those whose doctorates were conferred in 2003 or 2004. Candidates should show superior research ability and have a strong commitment to teaching. Consideration will be given only to persons whose research interests have some overlap with those of the permanent faculty. Duties consist of teaching undergraduate or graduate courses and conducting independent research. The projected salary is \$40,000 for the nine-month academic year.

Each **R.H. Bing Fellow** holds an Instructorship in the Mathematics Department, with a teaching load of two courses in one semester and one course in the other. The combined Instructorship-Fellowship stipend for nine-months is \$44,000, which is supplemented by a travel allowance of \$1,000. Pending satisfactory performance of teaching duties, the Fellowship can be renewed for two additional years. Applicants must show outstanding promise in research. Bing Fellowship applicants will automatically be considered for other departmental openings at the postdoctoral level, so a separate application for such a position is unnecessary.

VIGRE Instructorships are partially funded by an NSF VIGRE Grant awarded to the department (in partnership with the Texas Institute for Computational and Applied Mathematics). The combined Instructorship-VIGRE Postdoctoral Fellowship carries a nine-month stipend of \$40,000, with an annual allocation of \$2500 to cover equipment, supplies, and travel. The position also includes summer support in the amount of \$6500 for the first two summers of the appointment. The teaching load for VIGRE Instructors is one course per semester. Only citizens, nationals and permanent residents of the U.S. are eligible for VIGRE Instructor appointments. Furthermore, a VIGRE Instructor must have received the Ph.D. within eighteen months of the date the appointment becomes effective. All eligible applicants for postdoctoral positions in either the Mathematics Department or TICAM will automatically be considered for a VIGRE Instructorship.

Those wishing to apply for Instructor positions are asked to send a vita and a brief research summary to the above address c/o Instructor Committee. Transmission of the preceding items via e-mail (address: instructor@math.utexas.edu) is encouraged.

(b) An applicant for a **tenure-track** or **tenured** position must present a record of exceptional achievement in her or his research area and must demonstrate a proficiency at teaching. In addition to the duties indicated above for Instructors, such an appointment will typically entail the supervision of M.A or Ph.D. students. The salary will be commensurate with the level at which the position is filled and the qualifications of the person who fills it.

Those wishing to apply for tenure-track/tenure positions are asked to send a vita and a brief research summary to the above address, c/o Recruiting Committee. Transmission of the preceding items via e-mail (address: recruit@math.utexas.edu) is encouraged.

All applications must be supported by three or more letters of recommendation, at least one of which speaks to the applicant's teaching credentials. The screening of applications will begin on December 1, 2003. The University of Texas at Austin is an equal opportunity employer. The University of Texas at Austin; Department of Mathematics; Austin, Texas 78712

American University

The Department of Mathematics and Statistics in the College of Arts and Sciences at American University has openings for one or more tenure track assistant professors in either mathematics or statistics for Fall 2004.

Qualifications: earned doctorate in mathematics or statistics; evidence of effective teaching and scholarship. Responsibilities: teaching undergraduate and graduate level courses; conducting research; advising and mentoring students, with particular sensitivity to women and minority students; institutional service.

Application review will begin November 15, 2003, and continue until the positions are filled. Submit letter of application and vitae to Search Committee; Department of Mathematics and Statistics; American University; 4400 Massachusetts Avenue NW, Washington, DC 20016-8050. Have official transcripts and three letters of reference sent directly to the department. At least one letter should specifically mention teaching experience.

All applicants are strongly advised to review full application instructions, available at www.mathstat.american.edu/positions, or from the department at (202) 885 3120. American University is an Equal Employment Opportunity / Affirmative Action employer, committed to a diverse faculty, staff, and student body. Women and minority candidates are strongly encouraged to apply.

University of North Carolina at Greensboro

Applications are invited for one tenure-track assistant professorship to start in Fall 2004. Preference will be given to applicants in mathematical analysis. Applicants must have the Ph.D. in mathematics by August 2004. Duties include teaching, continuing research, and university service. The department offers the B.S., B.A., M.A. degrees in mathematics, and the B.S., M.S. degrees in computer science. The application should include an AMS cover sheet, curriculum vitae, a statement on current research and on teaching, and three letters of recommendation, including one letter addressing the candidate's teaching abilities. Send to: Chair, Mathematics Search Committee, Department of Mathematical Sciences, University of North Carolina at Greensboro, Greensboro, NC 27402. Applications received by January 15, 2004, will receive full consideration. The University of North Carolina at Greensboro is an affirmative-action, equal opportunity employer. EEO/AA. We are unable to process email applications.

Number Theory /Cryptography or Algebraic Geometry/Representation Theory

University of Pittsburgh

Number Theory /Cryptography or Algebraic Geometry /Representation Theory

The Mathematics Department of the University of Pittsburgh invites applications for a tenure-track position in Number Theory /Cryptography or Algebraic Geometry /Representation Theory to begin in the Fall Term 2004, pending budgetary approval. The appointment is at the Assistant Professor level or above, depending on the credentials of the applicant. We seek excellence in teaching and research so applicants should demonstrate substantial research accomplishment and dedication to teaching. Send a vita, three letters of recommendation, a research statement and evidence of teaching accomplishments by December 5, 2003 to: Search Committee in Algebra, Department of Mathematics, University of Pittsburgh, Pittsburgh, PA 15260. The University of Pittsburgh is an Affirmative Action, Equal Opportunity Employer. Women and members of minority groups under-represented in academia are especially encouraged to apply.

Analysis

The Mathematics Department of the University of Pittsburgh invites applications for a tenure-track position in Analysis to begin in the Fall Term 2004, pending budgetary approval. The appointment is at the Assistant Professor level. We seek excellence in teaching and research so applicants should demonstrate substantial research accomplishment and dedication to teaching. Send a vita, three letters of recommendation, a research statement and evidence of teaching accomplishments by December 5, 2003 to: Search Committee in Analysis, Department of Mathematics, University of Pittsburgh, Pittsburgh, PA 15260. The University of Pittsburgh is an Affirmative Action, Equal Opportunity Employer. Women and members of minority groups under-represented in academia are especially encouraged to apply.

Mathematical and Computational Biology

The Mathematics Department of the University of Pittsburgh invites applications for a tenure-track position in Mathematical and Computational Biology to begin in the Fall Term 2004 subject to budgetary approval. The appointment is at the Assistant Professor level. We seek excellence in teaching and research so applicants should demonstrate substantial research accomplishment and dedication to teaching. Send a vita, three letters of recommendation, a research statement and evidence of teaching accomplishments by December 5, 2003 to: Search Committee in Biology, Department of Mathematics, University of Pittsburgh, Pittsburgh, PA 15260. The University of Pittsburgh is an Affirmative Action, Equal Opportunity Employer. Women and members of minority groups under-represented in academia are especially encouraged to apply.

University of Oklahoma

Applications are invited for one or more full-time, tenure-track position(s) in mathematics beginning 16 August 2004. The position(s) is initially budgeted at the assistant professor level, but an appointment at the associate professor level may be possible for an exceptional candidate with qualifications and experience appropriate to that rank. Normal duties consist of teaching two courses per semester, conducting research, and rendering service to the Department, University, and profession at a level appropriate to the faculty member's experience. The position(s) requires an earned doctorate and research interests that are compatible with those of the existing faculty; preference will be given to applicants with potential or demonstrated excellence in research and prior successful undergraduate teaching experience. Salary and benefits are competitive. For full consideration, applicants should send a completed AMS cover sheet, curriculum vitae, a description of current and planned research, and have three letters of recommendation (at least one of which must address the applicant's teaching experience and proficiency) sent to:

Search Committee
Department of Mathematics
The University of Oklahoma
601 Elm, PHSC 423
Norman, OK 73019-0315
Phone: 405-325-6711
FAX: 405-325-7484
E-mail: search@math.ou.edu

Screening of applications will begin on December 15, 2003 and will continue until the position(s) is filled. The University of Oklahoma is an Equal Opportunity/Affirmative Action Employer. Women and Minorities are Encouraged to Apply.

University of Minnesota-Minneapolis

Tenure Track Positions

The School of Mathematics may have available several tenure track Assistant Professor or tenured Associate or Full Professor positions starting fall semester, 2004. Ph.D. or equivalent terminal degree in mathematics or closely related field by the beginning date of appointment, outstanding research and teaching abilities are required. Applications at all levels are invited; preference will be given to applicants whose research interests are compatible with those of the School. Salary competitive. Consideration of applications will begin December 3, 2003 and continue until available positions are filled. Send letter of application, current curriculum vitae, at least 4 letters of recommendation, one of which should address teaching ability, and description of research to:

Lawrence F. Gray, Head
School of Mathematics
University of Minnesota
127 Vincent Hall
206 Church Street S.E.
Minneapolis MN 55455
See also <http://www.math.umn.edu>

The University of Minnesota is committed to the policy that all person shall have equal access to its programs, facilities, and employment without regard to race, color, creed, national origin, sex, age, marital status, disability, public assistance status, veteran status, or sexual orientation.

Temporary or Visiting Positions

Several temporary or visiting positions at all levels (Assistant, Associate or Full Professor) may be available for terms ranging from one semester to two years beginning fall semester, 2004. Ph.D. or equivalent terminal degree in mathematics or closely related field by the beginning date of appointment, substantial research and teaching abilities are required. Preference will be given to applicants whose research interests are compatible with those of the School. Salary competitive. Consideration of applications will begin December 3, 2003 and continue until available positions are filled. Send letter of application, current curriculum vitae, minimum 4 letters of recommendation, one of which should address teaching ability, and description of research to:

Lawrence F. Gray, Head
School of Mathematics
University of Minnesota
127 Vincent Hall
206 Church Street S.E.
Minneapolis MN 55455
See also <http://www.math.umn.edu>

The University of Minnesota is committed to the policy that all person shall have equal access to its programs, facilities, and employment without regard to race, color, creed, national origin, sex, age, marital status, disability, public assistance status, veteran status, or sexual orientation.

Dunham Jackson Assistant Professor

This is a three-year appointment from fall semester, 2004 through spring semester, 2007 with a teaching load of 3 one-semester courses per academic year. Outstanding research and teaching abilities are required. Preference will be given to applicants whose research interests are compatible with those of the School. Applicants should have received a Ph.D. in mathematics no earlier than Jan. 1, 2003, and no later than August 25, 2004. Summer School teaching may be available during the summers of 2005 and 2006 to supplement regular stipend. Salary

competitive. Consideration of applications will begin December 3, 2003 and continue until available positions are filled. Send letter of application, current curriculum vitae, minimum 4 letters of recommendation, one of which should address teaching ability, and description of research to:

Lawrence F. Gray, Head
School of Mathematics
University of Minnesota
127 Vincent Hall
206 Church Street S.E.
Minneapolis MN 55455
See also <http://www.math.umn.edu>

The University of Minnesota is committed to the policy that all person shall have equal access to its programs, facilities, and employment without regard to race, color, creed, national origin, sex, age, marital status, disability, public assistance status, veteran status, or sexual orientation.

NAM Board, Elections and Terms

As you may recall from the Spring issue 34.1 of this volume, nominations for the NAM Board were due by August 1, 2003. We received no nominations. For your information, I have re-printed the article from 34.1.

NOMINATIONS (open to members) are due for the NAM Board positions Vice-President, Region B representative, and Majority Institution representative. By August 1, 2003, please contact NAM's election supervisor Dr. Earl Barnes School of Industrial Systems Engineering; Georgia Institute of Technology; Atlanta, GA 30332-0205. Make certain the nominated individual agrees to run. Send vita data such as Name, email address, School, position, and date of last degree.

All members of the Board shall be elected to a term of office for a period of two years and elections shall be staggered for continuity. Regular elections shall occur in the fall of each year and the persons elected shall be duly installed at the first Annual NAM meeting following the election. The term of each elected position is three (3) years. The editor will be an appointed position for a period of three years. The Editor shall be responsible for the production of the Newsletter and shall perform such other duties as the Board of Directors may specify. The Executive Secretary shall be selected to serve for a period of five (5) years and shall begin the term of office at the Spring Board Meeting. His/her selection must be the unanimous choice of the existing Board of Directors.

The election of the members of the Board of Directors shall be by official ballots and shall be supervised by the Board of Director's Committee on Legislation-Nomination when the election is by mail, all current members in good standing in NAM shall be provided a ballot and given reasonable time to return it.

The election cycle is can be followed modulo 3. Year 2001 was year 2 mod 3. It is the election Representative of Region C, Community College Representative, Secretary/Treasurer.

In year 0 mod 3 Representative of Region A, Government/Industry Representative, President

In year 1 mod 3 Representative of Region B, Majority Institution Representative, Vice President.

A call for nominations will be made in the Spring Issue of the Newsletter. Nominations should be made to the Editor by August 1 of the election year.

An Apology for Issue 34.2

The editor wishes to apologize for the missing Summer 2003 Newsletter 34.2. As some of you know, in May and June of 2003, the editor had a minor stroke and was under doctor's orders to slow down. As you can see, the editor is back up to steam now.

NAM'S Board of Directors

Member	Preferred Address	Telephone/Fax/Email
President John W. Alexander Jr. Miami Dade Community College	Miami Dade Community Colege Department of Mathematics 11380 NW 27th Ave. Miami, FL 33167	(305) 348-8307 (O) jalexan2@mdcc.edu
Vice President Nathaniel Dean Texas Southern University	Department of Mathematical Sciences NSC 129 Texas Southern University 3100 Cleburne Avenue Houston TX 77004	713-348-6113(o), 713-348-5318(fax), dean_nx@tsu.edu
Secretary/Treasurer Robert E.Bozeman Morehouse College	Department of Mathematics Morehouse College Atlanta GA 30314	(404) 215-2613 (O) fax (404) 589-1661 rbozeman@morehouse.edu
Region A Member Dr. Roselyn Williams Florida A&M University	Department of Mathematics Florida A&M University Tallahassee FL 32307	(850) 599-3595(O) fax: (850) 599-8480 roselyn.williams@mailfam.edu
Region B Member Dr. William Hawkins University of District Columbia and MAA	3046 Nash Place, S.E. Washington, DC 20020-3641 http://www.maa.org/summa/archive/HAWKINSW.HTM	bhawkins@maa.org whawkins@udc.edu
Region C Member Dr. Mary S. Hawkins Prairie View A&M University	EST Program Prairie View A&M University Prairie View TX 77446	(409) 857-4710 (O) fax (409) 857-2118 MaryHawkins@pvamu.edu
Majority Institution Member Dr. Earl R. Barnes Georgia Institute of Technology	School of Industrial Systems Engineering Georgia Institute of Technology Atlanta, GA 30332-0205 http://www.isye.gatech.edu/people/faculty/Earl_Barnes/	(404)894-2310 (O) ebarnes@isye.gatech.edu
Govt./Industry Member Dr. William A. Massey Princeton University	Operations Research and Financial Engineering Engineering Quadrangle Princeton University Princeton, NJ 08544	(908) 582-3225 (908) 582-3340 wmassey@Princeton.EDU
Community College Member Dr. Jacqueline Brannon Giles Houston Comm. Coll. Sys. Central College	13103 Balarama Drive Houston TX 77099-2206 http://198.64.21.135/faculty/Giles/Jacqueline_Giles_Personal_Web_Page.html	(281) 495-5422 fax: (281) 495-5422 jbgiles@aol.com
Editor Dr. Scott W. Williams State University of New York at Buffalo	Department of Mathematics 244 Mathematics Building University at Buffalo Buffalo NY 14260-2900 http://www.math.buffalo.edu/~sww	(716) 836-8948 (H) (716)645-6284 ext156 fax (716) 645-5039 sww@buffalo.edu
Executive Secretary Dr Leon Woodson Morgan State University	Department of Mathematics Morgan State University Baltimore MD 21251-0001 http://jewel.morgan.edu/~woodson/	(443) 885-3776 (O) (410) 319-4323 woodson@morgan.edu
Ex-Officio President Emeritus Dr. Rogers J.Newman Southern University	7768 Emile Street Baton Rouge LA 70807	(504) 771-5180 (O) fax (504) 771-4762
Executive Secretary Emeritus Dr. Johnny Houston Elizabeth City College	Dept. of Math & Computer Sci. Elizabeth State University Elizabeth City NC 27909 http://www.ecsu.edu/ECSU/AcadDept/MathandCS/houston/Houston.html	(252) 335-3361 (O) fax (252) 335-3651 jlhouston@mail.ecsu.edu

Region A Southeast/West

Alabama
 Georgia
 South Carolina
 Florida
 Virgin Islands
 Puerto Rico
 California
 Montana
 Any state not in B or C

Region B Mid-Atlantic

Delaware
 District of Columbia
 Kentucky
 Maryland
 New Jersey
 New York
 North Carolina
 Pennsylvania
 Virginia
 W. Virginia

Region C: Midwest/Southwest

Arkansas
 Louisiana
 Missouri
 Oklahoma
 Illinois
 Ohio
 Mississippi
 Tennessee
 Texas

NAM Newsletter

Department of Mathematics
244 Mathematics Building
University at Buffalo
Buffalo NY 14260-2900