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pp. 67-71.

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assistant for mathematical models in pharmacokinetics.

Dr. Darling has also accepted a visiting position at Aarhus University, Denmark for the Fall of 1993, during his sabbatical leave.

Dr. A. Mukherjea spent July 1-August 8, 1992, at the Abo Academy University in Finland as a visiting scientist. His visit was sponsored by the Academy of Finland. During the month of August last year, he presented invited talks at the Universities of Jyväskylä and Helsinki in Finland and at the University of Oslo in Norway. During the month of December last year, he gave a series of lectures at the Winter School of Probability at Sambalpore University in India. Recently, he has been invited to co-organize the 1994 Conference on Probability Measures in Groups by the Mathematisches Forchungsinstitut Oberwolfach in Germany.

Dr. V. Totik co-authored a book entitled "General Orthogonal Polynomials" which appeared in the *Encyclopedia of Mathematics* series (#43) of Cambridge University.

STUDENT NEWS

Since the last issue, the following degrees have been awarded:

B.A. in Mathematics
Kristin Sue Bastian
Krysten Michelle Blair
Deborah E. Bradney
Kathy Jo Buhmeyer
Michelle Andrea Clark
Sherri Ann Cochran
David Glen Craddock
Linda Grace Dunlap
Sheila Anne McCall

Michael Heartsill Mock
Scott Nicholas
Thomas Eliott Ross
Karen Leisa Sweeland
Yuka Takahashi
Jost Heinrich Thias
Dale Turoso
Kimberly Christine Yurcis

M.A. in Mathematics
Kongji Huang
Guoqi Lu
Jifeng Ma
Robert Scott Moriarty
Bradley Dean Shapiro
Yanmu Zhou

Ph.D. in Mathematics
Richard W. Ruedemann
Kevin S. Schweiker

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Again this summer the C...
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Summer Camp Prog...
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and Engineering Pro...
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mathematics instructor...
Mathematics and...
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Biomedical and Life...
Program are Dr. Alva...
Biology and Dr. ...
Chemistry. The d...
applying is May 17, 19...
additional information...
Center at (813) 974-4...

SPRING COLLOQUIA

...lets, Singular Integrals and Boundary Value Problems on Non-Smooth Domains, presented by Mr. Marius Mitrea, ...didate, University of South Carolina.

...Generalizations of the deBruijn-Erdos Theorem, presented by Dr. Hunter S. Snevily, Candidate, California Institute ...Technology.

...ov Chains in Graph Processes, presented by Dr. Stephen W. Suen, Candidate, Carnegie Mellon University.

...t Spaces of Entire Functions and Orthogonal Polynomials, presented by Mr. Xian-Jin Li, Candidate, Purdue ...versity.

...nal Approximation of Analytic Functions, presented by Dr. E.A. Rakhmanov, Candidate, Steklov Institute, Russia.

...t Coefficient Problems and the Exponentiation Approach, presented by Dr. A.Z. Grinshpan, Russian Academy of ...nces, Russia.

...t. Approximation of Infinitely Differentiable Functions, presented by Dr. Michael Ganzburg, Candidate, Courant ...tute of Mathematical Sciences.

...hronizing Representations of Sofic Systems, presented by Ms. Natasa Jonoska, SUNY at Binghamton.

...ques, Gauss' Sums and Self-Similarity Features of Time-Dependent Schroedinger Equation, presented by Dr. ...stantin Oskolkov, Candidate, Queen's University, Ontario.

...k Schur Decomposition of a Matrix, presented by Mr. Purandar Sarmah, Candidate, University of Florida.

...PACK: A Computer Package for Conformal Mapping, presented by Dr. Michael Warby, Candidate, Brunel ...versity, London.

...lel Multilevel Iterative Methods, presented by Mr. Bi Roubolo Vona, Candidate, University of Texas at Austin.

...cal Finite Element Methods for Arch Beam Models, presented by Dr. Zhimin Zhang, Candidate, Texas Technical ...versity.

...lication of Spectral Methods to a Cahn-Hilliard Model of Phase Transitions, presented by Dr. Xiaohua Hu, Candidate, ...gia Institute of Technology.

...ard Problem for a Simple Graph, presented by Robert Brigham, University of Central Florida.

...ry Block Codes for Correcting Asymmetric of Unidirectional Errors, presented by Giang Fang, Eindhoven University ...Technology, The Netherlands.

...linear Equations and Applications, presented by P.E. Milojevic, New Jersey Institute of Technology.

...imal Intersecting Families, presented by Aaron Meyerowitz, Florida Atlantic University.

...ent Advances in Differential Game Theory, L. D. Berkovitz, Purdue University.

in 1971 and served as
from 1974 till 1977.
elected for membership
ppa Phi Society, the
honorary, in 1986 and
ly Chapter Secretary.
en recognized for his
students several times.
elected to receive the
s Teaching Excellence
1970, given the Natural
udent Council Teaching
Mathematics in 1987,
as a 1988 Outstanding
duate Teacher and
the Division of Student
the Outstanding Faculty
1989.

as Assistant Chairman
artment of Mathematics
till 1972, when he
cting Chairman of the
nt, serving in his
till 1974. He then
Undergraduate Advisor
Again, in 1985, he
ndergraduate Advisor, a
still holds.

a long-standing interest,
a history of mathematics
1979. This endeavor
des the undergraduate
story of Mathematics
the graduate History of
athematics. Dr. Zerla
the development of
his hobby.

to improve education in
s extends beyond USF.
the student participation
nnual meetings of the
ection of the MAA in
was Program Chair in
planning the meeting at
llege in Winter Park. In
e served as President
Florida Section. He
to work with the Florida
his year completing a
term as a member of
Committee. He helped

establish the Suncoast Regional
Meetings for the Florida Section.
As coordinator of these he
provides a needed continuity as
these meetings move from one
institution to another annually.
Last December, the seventeenth
Suncoast Meeting was held at
Florida College in Temple Terrace.

He works with area middle and
high schools, frequently speaking
to student and teacher groups
conducting classes and workshops.
He helped the Hillsborough County
teachers by arranging to have the
Hillsborough County Math Bowl
competitions held on campus in
1978. They have been held at
USF, usually at the University
Center, twice a year ever since.

His involvement with the
University has included
membership in many councils and
committees over the years. He
helped to begin the Faculty Senate
in 1972, established its mode of
elections, and served as its first
Secretary. He has held many
offices in the Faculty Senate
including that of Speaker of the
Faculty Senate in 1978-79. He is
currently helping with the
University Self-Study for the
Southern Association of Colleges
and Schools in the Student
Development Committee
surveying advising and student
organizations within the colleges
and departments in the University.
He is also the Treasurer of the
USF Chapter of the United Faculty
of Florida, the faculty union.

CHAIRMAN'S COMMENTS

No survey by itself can measure
completely how well the
Department is meeting these

goals. No can any firm
conclusions be drawn from this
one initial survey. Yet some of
the results are interesting.

Of the BA respondents on a
scale of 1 to 10, 82% of the
respondents rated the
effectiveness of their
mathematics instruction at USF a
7 or above. 65% gave a rating of
7 or above. When asked if they
made direct use of the
knowledge and skills gained as a
mathematics major, 80% gave a
rating of 7 or better when asked
they felt they received quality
mathematics instruction at USF.
85% indicated with a rating of 7
or better that their mathematics
instruction was a "positive
experience." 36% of the
respondents had attended grad at
school after receiving their B.A.
degree from USF.

Twenty M.A. alumni and nine Ph.D.
alumni surveys were completed.
Of the graduate alumni 85% gave
a rating of 7 or above when rating
the effectiveness of the graduate
instruction at USF. 70% of the
M.A. alumni and 89% of the Ph.D.
alumni responded with a rating of
7 or above. When asked if they
made direct use in their
employment of their knowledge
and skills gained as a mathematics
graduate student. 89% of the
Ph.D. alumni are currently
employed at four-year colleges
and universities. 97% of the
respondents stated that they had
received quality graduate
education (a rating of 6 or better)
at USF.

The results of the survey will be
more fully scrutinized by the
Department to determine how it
can more fully meet its goals and
objectives.

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ENT CLUBS

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...dent speaker, Lindi
... BAM student
...the Euler Summation
...ter in November, Dr.
...Clarke, Associate
...Radiology in Physics
...ring and Director of
...for Engineering and
...ge Analysis (CEMA)
...tt Research Center,
...pa... on Computer
...ques in Medical
...n December, ...

...axed at a pre-final exams
Mathematical Games Party".

...e Spring Semester began with
...e traditional USF Student
Chapter of the MAA Presidential
address by Roberta Schweitzer
who discussed "The Strange
Story of PERFECT and Perfectly
Useless Numbers". In February
...r. Richard Darling, Graduate
Advisor, showed a video, "Not
Knot", followed by his discussion
... "Adventures in Hyperbolic
Space". Later in February Pi Mu
Epsilon Member Jamie McGauley
...ad of her researches into
"Dynamics for the College
Student". The March meeting
...oked into the future as Carmel
Van Hoose, Assistant Director for
Career Development USF Career
Resource Center, discussed
Careers for Math Majors".

...e clubs are again sponsoring the
Hillsborough County Math Bowl
Competitions. That of December
8 drew over 200 students and
teachers to the University Center
from 14 county high schools. The
next Math Bowl will be held on
April 12. The Florida Epsilon
Chapter of Pi Mu Epsilon is pleased
to announce that its Outstanding
Scholar Award winner is BA/MA
student Lind Michelle Browne,
and will be recognized for her
accomplishments at the Pi Mu
Epsilon Banquet on April 23, at
which 11 new members will be
inducted into the honorary.

ALUMNI NEWS

Terry Blakney (M.A. 1991) is
currently a Mathematics
instructor at Pennsylvania State
University in Erie. He was
engaged last November, and the
wedding is planned for June 1994.

Deborah M. Fuschetti (Ph.D. 19.4)
is currently the Dean of Academic
Affairs at Webber College in
Lakeland, a position she has held
since 1986.

FACULTY PROFILE

Dr. Fredric Zerla was born in
1937 and raised in Ohio. He
graduated from the College of
Steubenville, now the Franciscan
University of Steubenville, with a
B.A. in Mathematics and a minor in
Education. His high school
teaching certificate from the
State of Ohio is still valid
although never used. He received
the M.S. in Mathematics from
Florida State University, then
joined the Mathematics Faculty at
the University of South Florida in
1963 while writing his doctoral
dissertation. During the 1966-
1967 school year, he received the
Ph.D. from Florida State
University, married Helga Mentz
Storms and acquired a family of
four children; Kurt, Heidi,
Christine and Michele. Later, two
children were born; Eric, now a
student at the USF College of
Medicine, and Astrid, who is
graduating this year from USF
with a B.A. in Humanities.
Completing the family are four
grandchildren.

While at Florida State University,
Dr. Zerla was president of Pi Mu
Epsilon, the Mathematics Honor
Society. When he came to USF, he
began the USF chapter of this
honorary, only the second national
honor society chartered at USF.
He has been its Faculty
Correspondent since its inception.
He helped to establish and maintain
the USF Student Chapter of the
Mathematical Association of
America in 1988, serving as its
Advisor. He was invited to join
the USF Circle of Omicron Delta
Kappa Society, the leadership

Orthogonal Polynomials on Several Variables, Product Formulas and Hypergroups, presented by Alan Schwartz, University of Missouri-St. Louis.

Asymptotic Flatness of a Nonsingular n-point Motion of a Brownian Flow of Homeomorphisms, presented by D. Kannan, University of Georgia.

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NOTICE

SUMMER 1993 MATH COURSES AT USF

The Math Department at USF is offering the following
courses that may be of particular interest to teachers.

Summer A

Cr.	Ref.#	Course No.	Title	Days	Time	Place
3	0478	MAS 4201	Elem. Abst. Alg.	MWF	02:00-04:15	CHE 202
4	0493	MTG 4212	Geometry	TR	06:00-10:00	CHE 104

Summer B

Cr.	Ref.#	Course No.	Title	Days	Time	Place
3	0474	MAD 3100	Discrete Math.	MWF	11:00-01:15	PHY 118
3	1384	MAE 5875	Abst. Alg. for Teachers	MWF	02:00-04:15	PHY 130
3	1342	MAS 5215	Number Theory	MW	06:00-09:30	PHY 130
3	0492	MHF 5405	Hist. of Mod. Math.	TR	06:00-09:30	CHE 104

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REQUEST FOR ALUMNI INFORMATION

The Quaternion invites all alumni to provide us with information about
your activities since leaving USF. We would like to pass this information on
to our readers in the next issue. Please complete the following form and mail to:

Chair, Department of Mathematics
University of South Florida
4202 East Fowler Avenue, PHY 114
Tampa, Florida 33620-5700

Name _____ Degree/Year: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Current Position: _____

Firm or Institution: _____

Personal News: _____

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