KEVIN O’MEARA

Today is Kevin O’Meara's last official day of work in the department, although he will still be popping in occasionally for some time yet. Kevin has worked in the department for 31 years, making significant contributions on both the research and the teaching fronts.

His research papers have always been a joy to read, tackling hard problems and giving crystal clear explanations of his beautiful solutions. His branch of pure mathematics is probably not well appreciated locally, but his work is certainly held in high regard among other ring theorists around the world.

On the teaching front, many local high school teachers have told me of their fond memories of Kevin's lectures, his clear explanations and his superb notes. The notes from his old fourth year course on abstract algebra would make the basis for an excellent text book. One of his lasting contributions to our teaching program is the third year coding theory course, pioneered by him and now a staple part of the second professional year for electrical engineers.

I did my PhD under Kevin, many years ago now. He was not long finished his own doctorate, and he tried hard to persuade me that there were no jobs for ring theorists. However, I persisted and he was the ideal supervisor, offering just the right balance of challenge and encouragement in our weekly meetings. I still have fond memories, too, of a seminar he and Rob Bull organized for Frank Nolan and me, all about categories, where I finally learned how to take proper notes, and where I also saw my own internal picture of a function (an arrow) receive official blessing in a text book.

Have a great retirement, Kevin, and I hope that, like other recent retirees from the department, you'll continue to maintain an active relationship with us in the years ahead.

John Hannah, Acting HoD

HoD

Roseanne Sovka, from Statistics New Zealand, will be joining us in term 1 as a replacement for Marco who will be on parental leave. Roseanne will be teaching STAT 111 and STAT 131 for six weeks.

As you may know, Graeme is going to be with us for only 30% of the time this year (as part of a phased retirement package). The other 70% of Graeme's teaching load will be taken by Chris Hann. Funding for this came from vacancy funding for the rest of Graeme's position. It's difficult to know what to call such positions, but I've labelled them Teaching Fellows and no-one in Registry has complained so far!
Congratulations to Doris who was promoted during the last promotion round. Senior tutors were dealt with separately, so her success wasn't mentioned in the publicity at the end of last year. Doris is already off the top of the official Senior Tutor scale, and promotion for such people is only considered in exceptional cases. So Doris's success shows how highly the Staffing Committee viewed her contributions to the department over the last few years.

Congratulations too to Michael Cohen who has been awarded a Sims Empire Scholarship to help him pursue graduate study in Britain. Michael got First Class Honours in Mathematical Physics last year.

Today's my last day as Acting HOD. I'm looking forward to resuming my previous low profile, but thank you to everyone who helped me during the last two months. Please extend the same friendly welcome to David next week!

John Hannah, Acting HoD

DEPARTMENTAL VISITORS

We extend a warm welcome to the Department to Professor Phillippe Toint, University of Namur, Belgium, who is a Visiting Erskine Fellow to the Department from 31 January until 11 April 2003. Professor Toint will be giving a series of lectures as part of the 4th year Optimization paper, and research seminars. Professor Toint is Professor of Mathematics, co-ordinator of the Numerical Analysis Unit, and Director of the Transportation Research Group at Namur. He is an international figure in optimization and will be lecturing on Trust-Region Methods, the work in his book (SIAM, 2000).

Professor Toint also recently completed a 4 year stint as Director of IT Services for the University of Namur.

Further information on Professor Toint including publications may be found on his web page http://www.fundp.ac.be/~phtoint/toint.html

Professor Toint is in Room 401, phone 8376.

Bob Broughton

Welcome to Prof. Vincent Moulton and Dr Katherina Huber who are visiting for 3 weeks from Uppsala, Sweden. They can be contacted at Ext. 8337 in Room 720.

Next week we welcome Dr Olivier Gascuel who is visiting for 1 month from Montpellier, France.

Mike Steel

Next month we have several visitors from overseas visiting the department. They are

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<tr>
<th>Visitors due to arrive</th>
<th>Organisation</th>
<th>Arrival Date</th>
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<tbody>
<tr>
<td>Dr. David Bryant</td>
<td>McGill University</td>
<td>1-Feb-03</td>
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<tr>
<td>Prof. Olivier Gascuel</td>
<td>University of Montpellier, France</td>
<td>1-Feb-03 (1 month)</td>
</tr>
</tbody>
</table>
**Visitors due to arrive**

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<tr>
<th>Name</th>
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<th>Arrival Date</th>
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<tbody>
<tr>
<td>Tobias Dezulian</td>
<td>Tubingen University</td>
<td>1-Feb-03</td>
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<tr>
<td>Prof. Daniel Huson</td>
<td>Tubingen University</td>
<td>9-Feb-03</td>
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<tr>
<td>Dr. Wim Hordijk</td>
<td>Santa Fe Institute</td>
<td>20-Feb-03</td>
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<tr>
<td>Prof. Rainer Lowen-</td>
<td>Erskine Fellow</td>
<td>University of Braunschweig, 1-Mar-03</td>
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**BOOK PUBLISHED**

*Phylogenetics*, Oxford University Press
Charles by Semple and Mike Steel

**PAPERS SUBMITTED**

Cyclic permutations and evolutionary trees by Charles Semple and Mike Steel

Peeling phylogenetic oranges by Vincent Moulton and Mike Steel

**PUBLISHED JOURNAL ARTICLES**

M.L. Dalrymple, I.L. Hudson, Ford, R. 2003
"Finite Mixture, Zero-inflated Poisson and Hurdle models with application to sudden infant deaths (SIDS)". Journal of Computational Statistics and Data Analysis Vol. 41(3-4), pp 491-504


**ACCEPTED FOR PUBLICATION**

K.C. O'Meara with C. Vinsonhaler, K_0 like constructions for almost completely decomposable groups, accepted by Journal of Algebra.

**PROFESSOR OF STATISTICS**

One of the applicants for the Prof. Stats Chair is coming to NZ with his wife and will be spending the week following interviews touring around the Bay of Islands. If anyone has any helpful info on what to do, where to go, etc can they pass this onto me. Apparently he has a keen interest in diving.

Julie Daly
The Texas Tech Mathematics & Statistics Department is committed to achieving significant research while providing high-quality education for our students at the undergraduate and graduate levels. We have several active areas of research. Click here for descriptions of current research topics done by our faculty, post-docs, and graduate students in the Mathematics & Statistics Department. We are passionate about our student's success. We welcome you to our department and look forward to the bright future ahead of you! The Department of Mathematics and Statistics offers undergraduate students Bachelor of Science programs with concentrations in Applied Mathematics, Pure Mathematics, Computation Mathematics, Mathematics Education, and Statistics. Graduate level programs lead to a Master's or Doctorate degree with options in Pure Mathematics, Applied Mathematics, and Applied Statistics. Students planning undergraduate and graduate studies at the University of New Mexico will find a congenial department and a faculty of international stature. Why Mathematics? Mathematics is fundamental to the formulation an Learn more about the Department of Mathematics & Statistics web landing page at South Dakota State University in Brookings, South Dakota. The Department of Mathematics & Statistics. Telephone number: 605-688-6196. Our People. instagram. linkedin. facebook. Department Menu. Explore Majors and Careers.