

## TUG Business

### Report: TUG 2003 Election

The number of candidates nominated for the open offices in the 2003 TUG election fell short of the number which would require a ballot.

The office of President was open, as were up to 13 positions on the Board of Directors. There was one candidate for President, Karl Berry, and 10 candidates for the Board: Barbara Beeton, Kaja Christiansen, Susan DeMeritt, Stephanie Hogue, Ross Moore, Cheryl Ponchin, Samuel Rhoads and Philip Taylor. (Arthur Ogawa and Michael Sofka are continuing board members, whose terms expire in 2005.)

According to the TUG Election Procedures, when the number of candidates is fewer than the number of open positions, all candidates who have met the qualifications are declared elected by acclamation. The term of the President expires as of the annual meeting in 2005; the terms of Board members in this class expire at the meeting in 2007.

Since no ballots were mailed, TUG members have not had the opportunity to read the biographies and personal statements of the candidates. Without this information it is difficult to know each candidate's particular interests, and their vision for the future of TUG. The information which would have accompanied the ballot follows this report, to introduce these individuals to the membership.

Since the election date, the President has exercised his prerogative and appointed two additional candidates who were not already on the Board to assume office immediately: James Hefferon and Gerree Pecht. Information from these two directors is included below, although technically it would not have appeared on the ballot.

The Committee acknowledges the diligent work of our office manager, Robin Laakso, in receiving, organizing, and validating membership of nominees and their respective nominators.

Arthur Ogawa  
for the Elections Committee

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## New Members of the TUG Board

### Barbara Beeton



#### Biography:

$\TeX$  Users Group: charter member of TUG; charter member of TUG Board of Directors; *TUGboat* production staff since 1980, Editor since 1983; committees: publications, bylaws, elections; chair, Technical Working Group on Extended Math Font Encoding; liaison from Board to Knuth Scholarship Committee 1991–1992.

Employed by American Mathematical Society: Staff Specialist for Composition Systems; involved with typesetting of mathematical texts since 1973; assisted in initial installation of  $\TeX$  at AMS in 1979; implemented the first AMS document styles; created the map and ligature structure for AMS Cyrillic fonts.

Standards organizations: active 1986–1997 in: ANSI X3V1 (Text processing: Office & publishing systems), ISO/IEC JTC1/SC18/WG8 (Document description and processing languages); developing the standard ISO/IEC 9541:1991 Information technology — Font information interchange.

AFII (Association for Font Information Interchange): Board of Directors, Secretary 1988–1996.

STIX representative to the Unicode Technical Committee for adoption of additional math symbols.

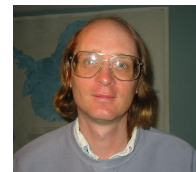
#### Personal statement:

TUG has changed over the years, with its transition from an appointed to an elected Board. Those charged with shaping its future direction have tried to do so in a way that encourages participation by all members, not just a few. Similarly, the typographic landscape has changed as well, and though the object that is our focus —  $\TeX$  — is still a tool of undeniable utility, it is just part of a growing pool of text processing software, some of it borrowing from the features that first attracted us to  $\TeX$ . I maintain my commitment to Don Knuth's original goals for this tool: high typographic quality and portability. Within this framework, my goal is to continue working for unconstrained communication among  $\TeX$  users, to encourage exploration of techniques consistent with the typographic excellence we have come to expect,

and to act as a historian of the  $\TeX$  community when that is appropriate.

I expect to retire from the AMS in about four years, so this will probably be my final candidacy for the TUG Board.

### Karl Berry



#### Biography:

First contact in 1982. Subsequently, many installations at many organizations (not to mention many readings of the  *$\TeX$ book* and *METAFONT book*). Co-author of  *$\TeX$  for the Impatient* (now freely available), one of the first comprehensive non-Knuthian books on  $\TeX$ .

I was the maintainer of the Unix port of  $\TeX$  (i.e., Web2c) for several years in the 1990's. Along with Web2c, I developed Kpathsea, a freely redistributable library for path searching and variants of three DVI drivers that use it; Eplain, a macro package that extends plain  $\TeX$ ; *modes.mf*, a collection of METAFONT modes and adaptations; a list of short font names for portable use within  $\TeX$  across platforms; and assorted minor projects. I am also the maintainer and primary developer for GNU Texinfo, a  $\TeX$ -based documentation format.

Besides such programming tasks, I've also produced the usual books, articles, collections, and ephemera, studied typeface design, and co-written several articles on reading research and mathematical analysis of type.

For TUG, I serve on the technical council and various committees, co-sponsored the creation of the  $\TeX$  Development Fund this year (2002), and act as one of the system administrators for the [tug.org](http://tug.org) server. I was a TUG board member for two terms before deciding to run for president this year.

#### Personal statement:

I believe TUG can best serve the  $\TeX$  community by working as an organization in partnership with the other user groups worldwide, and sponsoring worthwhile technical projects that will increase interest in  $\TeX$  in the larger computing world.

**Kaja P. Christiansen****Biography:**

I was born in Warsaw, Poland. After obtaining an MSc in Mathematics at the University of Warsaw, I eventually moved to Denmark. I came to love my new country, where I have now lived and worked for more than 20 years.

My job at the Department of Computer Science of the University of Aarhus involves system administration, and software support, including the responsibility for all aspects of a well-functioning  $\text{\TeX}$  & friends: local styles, in-house classes and (very) frequent user support, and maintainance. The department has about 550 students, 80 employees, a large number of active research groups, and close ties to the BRICS Research Centre.

I heard about  $\text{\TeX}$  for the first time in fall of 1979. In Palo Alto at the time, I wanted to audit courses at Stanford; my top priority was lectures by Prof. Donald Knuth but that, I was told, was not possible as Prof. Knuth was on leave due to work on *a text processing project* ... This project was  $\text{\TeX}$ ! Back home, it didn't take long till we had a runnable system and thus introduced an early version of  $\text{\TeX}$  in Denmark.

**Personal statement:**

I have served as the chair of TUG's Technical Council since 1997 and co-sponsored the creation of the  $\text{\TeX}$  Development Fund. I share system administrator's responsibilities for the TUG server (whose access to the Internet is currently facilitated by my Department). In my rôle as a member of the board, my special interests have been projects of immediate value to the  $\text{\TeX}$  community:  $\text{\TeX}$  Live, *TUGboat* and TUG's web site.

Since September 2002, I have served as the president of the Danish  $\text{\TeX}$  Users Group (DK-TUG).

**Susan DeMeritt****Biography:**

My name is Susan DeMeritt, I live in Lakeside, CA (just outside San Diego).

I am employed by the Center for Communications Research, La Jolla, in San Diego, California for almost 14 years doing technical typing in the Publications Department. I started the position learning  $\text{\TeX}$  and working up to  $\text{\LaTeX}2_{\epsilon}$ . I enjoy using  $\text{\LaTeX}2_{\epsilon}$  to typeset mathematical and scientific papers.

I have been a member of the  $\text{\TeX}$  Users Group since 1989. I have been a member of the Board of Directors since March of 1998, and Secretary since 2001. I really enjoy being part of the Board of Directors of the  $\text{\TeX}$  Users Group and I hope my participation has been helpful.

I have successfully taught (along with Cheryl Ponchin) two  $\text{\LaTeX}$  classes, one at Duke University and one at the University of Delaware.

**Jim Hefferon****Biography:**

I got a PhD in Mathematics in 1986 and soon after I got interested in writing an undergraduate textbook in *Linear Algebra*, (which I have made available on the web with the  $\text{\LaTeX}$  source). I spent many hours fussing with the symbols and was unable to make it look right. I figured that I needed a program that knows how to make the stuff as readable as possible, and obviously that led me to  $\text{\TeX}$ .

In the course of using the system I became incredibly impressed by the community. I wanted to help out, so when Robin (Fairbairns) complained one day about the lack of USA CTAN mirrors, I offered to set one up. I eventually took over the main American node of CTAN, one of the core servers. I'm enjoying that work a great deal.

## Stephanie Hogue

### Biography:

Stephanie Hogue has been a member of TUG since 1991. She has over twenty years experience in typesetting mathematical documents. During her fifteen years with the Wharton School at the University of Pennsylvania, she typeset research and class materials and provided  $\TeX$  and  $\LaTeX$  support for the faculty of the Finance Department. After leaving the Wharton School, Stephanie freelanced for five years as “The TypeWright,” offering  $\TeX$  and  $\LaTeX$  typesetting services.

In 2001, she accepted a position with Alpha-Simplex Group, a quantitative asset management company located in Cambridge, Massachusetts. In her current position as Data Archivist, she is responsible for supporting the use of  $\LaTeX$  by the research group at AlphaSimplex.

Stephanie served on the Conference Committee for  $\TeX$  NE (held in New York in Spring 1998) and as the Co-Chair of the Program Committee for TUG 1999 (Vancouver) and TUG 2001 (Delaware). She joined the Board of Directors in 1999 and is presently on the Program Committee for TUG 2003 (Hawaii).

### Personal statement:

One of the major accomplishments of the outgoing President and Board was the IRS reclassification of TUG as a non-profit organization. TUG faces a number of challenges, and the non-profit status should give a welcome boost to our fund-raising efforts.

Some of the areas on which I would like to focus are:

- developing support mechanisms to assist users with the numerous  $\TeX$ -based systems and hundreds of related packages;
- utilizing the web and other electronic technologies for both support and education; and
- integrating our efforts more closely with the international community of local  $\TeX$  user groups.

## Gerree Pecht

### Biography:

My name is Gerree P. Pecht. I’m a Technical Research Publications Specialist in the Mathematics department at Princeton University.

I joined Princeton University in 1975 as a Technical Research Secretary I. Eventually graduating to the highest title (at the time) Technical Research Secretary IV. I was introduced to my first computer by Professor Jeff Ullman (now at Stanford); I type(set) his book (with Al Aho of Bell Labs) around 1978. ... the process was called Phototypesetting ...

I taught myself the necessary macro packages (ms macros: designed by a scientist at Bell Labs—nroff, troff) necessary for document preparation ... the file was transferred to a role of film on Kodak printer ... the printer processed it the old-fashioned way ... developing took place in a dark room ... pages were hung to dry and then Xeroxed ...

... the start of camera-ready-copies?

I was introduced to  $\LaTeX$  by Professor Sedgewick (he was Chair of the CS department and was typesetting his own book in  $\LaTeX$  at the time) while working in the Computer Science department in the mid-1980’s.

I started using  $\LaTeX$  right from the beginning ... (I wasn’t aware that there was such a thing as “plain  $\TeX$ ” ... ) I’m self-taught ( $\LaTeX$  (L. Lamport), *A Guide to  $\LaTeX 2\epsilon$*  (K. Daly),  *$\LaTeX$  Graphics Companion* (Goossens, Rahtz, Mittelbach), *Math into  $\LaTeX$*  (Gratzer),  *$\TeX$  for the Impatient* (Abrahams) ...) In my constant search for latest developments in the  $\TeX$  world, I came across a book by George Gratzer called *Math into  $\TeX$ : a Simple Introduction to  $\mathcal{A}\mathcal{M}\mathcal{S}$ - $\LaTeX$*  ... I’m known for *bundling* many packages including all of the above ... as each package contain some unique conventions, commands, declarations, etc., each useful when producing a customized book, manuscript, slides, graphics, etc.

I very frequently design (special/highly technical) macros to accommodate the project at hand in the preparation of all aspects of lectures, transparencies (using  $\text{SL}\TeX$  program-highlighting certain formulas and words in color). And combining graphics with many formulas is commonplace in my position as a Technical Research Publications Specialist in the department.

I willingly and unconditionally “share” my many customized templates with faculty/staff/students throughout the University(s) and am eager to help one-on-one. I don’t know how I

became the “in-house” technical typesetter for the faculty ... typesetting many complicated Math books, but I’m proud to be referred to as the L<sup>A</sup>T<sub>E</sub>X “guru” and the department’s resource for graduate students (who are required to typeset their Ph.D. thesis in some form of T<sub>E</sub>X).

I just completed typesetting two highly technical Mathematics texts for Professor Elias M. Stein. The books were done in L<sup>A</sup>T<sub>E</sub>X (graphics, tables, figures, everything!!) and even if I have to say so myself ... they turned out absolutely elegant!!!

Up until the summer of 2001, I worked on a Unix platform. Since then, the system was changed to Linux platform.

Not so long ago ... someone mentioned to me that “L<sup>A</sup>T<sub>E</sub>X” (T<sub>E</sub>X-formatting) ... “is dead.” ... So why then are universities and the technical/scientific (including government) agencies using it? Seems to me it’s alive and well ... all-around ... I’m a great promoter for the TUG organization.

I have met quite a few wonderful T<sub>E</sub>Xies through attending TUG conferences and via telephone/email .... I look forward to this “new” relationship with TUG.

My credo: L<sup>A</sup>T<sub>E</sub>X it! L<sup>A</sup>T<sub>E</sub>X it!  $\mathcal{A}\mathcal{M}\mathcal{S}$ -L<sup>A</sup>T<sub>E</sub>X it!  $\mathcal{A}\mathcal{M}\mathcal{S}$ -T<sub>E</sub>X it! T<sub>E</sub>X it!!! Use SLT<sub>E</sub>X packages as well as the graphics packages .... as the Princeton Tiger would say .... it’s Grrreat!!

### Cheryl Ponchin

Biography:

My name is Cheryl Ponchin, I live in Princeton, New Jersey.

I am employed by the Center for Communications Research in Princeton. I have been a technical typist for almost 20 years. I started with T<sub>E</sub>X and I am now using L<sup>A</sup>T<sub>E</sub>X<sub>2 $\epsilon$</sub>  as well as many of the different packages available. I enjoy using this software to typeset mathematical and scientific papers.

I have been a member of the T<sub>E</sub>X Users Group since 1989. I have been a member of the TUG Board of Directors since March of 1998. I really enjoy being part of the TUG group.

I have taught (with Sue DeMerritt) two L<sup>A</sup>T<sub>E</sub>X classes for TUG (the University of Delaware and Duke University). We will also be teaching another class at the University of Hawaii at Hilo in July. I am also teaching classes at Princeton University. I have also reviewed *A Guide to L<sup>A</sup>T<sub>E</sub>X<sub>2 $\epsilon$</sub>* , which was very interesting and rewarding for me.

### Samuel E. Rhoads



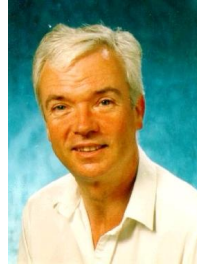
Biography:

I hold a bachelors, a masters and a doctor of arts degree in mathematics. I took a job teaching math at the University of Guam in 1973 and came to Hawai‘i from Guam in 1981. I’ve been teaching math and computer science since the early ‘60s. I am now a professor in the Information and Computer Science department at Honolulu Community College in Honolulu, Hawai‘i.

My interest in T<sub>E</sub>X began in the ‘80s. In the late ‘80s I decided that I wanted to write a textbook for the beginning computer science class — I thought I could write a better book than the books that were available — and I decided to try to do it in T<sub>E</sub>X so I could retain control of how the book appeared. I later came to understand that I didn’t know enough about publishing to really design my own book, but it was fun to be able to do it anyway. I prepared a short paper describing the experience and presented that paper at TUG 91 (“Authors new to T<sub>E</sub>X publish a textbook with a publisher new to T<sub>E</sub>X,” *TUGboat* **12**(3), pages 387–393).

Wm. C. Brown Publishers published the book in 1990. A textbook for the second course in computer science was also completed and published in 1992. I also wrote and published (in T<sub>E</sub>X) a book of Star Charts for the night sky as seen from Hawai‘i. That book is published by the Bishop Museum Press, and is now in its third edition.

I use T<sub>E</sub>X (actually L<sup>A</sup>T<sub>E</sub>X) in much of what I do. In particular, whenever I do something mathematical and want the output to look “right,” I use T<sub>E</sub>X. I always use T<sub>E</sub>X to prepare exams for the math classes that I teach, but I use a word processor for routine correspondence and other printed material — like this biography — when it’s too much trouble to use T<sub>E</sub>X. If I were able to, I’d design a word processor that made T<sub>E</sub>X easier to use. If I could use it as easily as I use MS Word, I would use T<sub>E</sub>X for everything I print.

**Philip Taylor**

## Biography:

Philip Taylor has been a  $\text{\TeX}$  devotee ever since a visit (many years ago) to British Petroleum where he saw equipment *identical* to that which he was using (a Digital VAX, with Digital LN03 printer) producing output infinitely better than anything he could manage. Having found that BP were accomplishing this using  $\text{\TeX}$ , he immediately took a copy on magnetic tape, and has never looked back.

Although he now spends more time on electronic publishing than on typesetting *per se*, he is still a staunch advocate of  $\text{\TeX}$ , and is a member of the TUG Board, Chairman of the TUG Bursary Committee, a past Chairman of the UK  $\text{\TeX}$  Users' Group, Programme Committee Chairman for Euro $\text{\TeX}$ '99, and Technical Director of the NTS project. He sees his rôle within the Board as representing the interests of "the ordinary member," and tries to ensure that Board decisions afford equal opportunities and rights to all members.