

Attachment 4

Andrew G. Bennett Statement of Candidacy for Faculty Senate President

The job of the president of Faculty Senate is to be the voice of the faculty and professional staff in our system of shared governance. In these times of cutbacks, it is especially vital that we have a strong, clear, and consistent voice to be sure that the needs of K-State's people come first. I believe I can be that voice.

I received a B.S. from Colorado State University (the next land-grant school to the west), and my M.A. and Ph.D. from Princeton. I joined the K-State faculty in 1988 as an assistant professor and have been here ever since. During my years at K-State I have been P.I. or co-P.I. on projects that have received \$19 million in extramural funding. All these projects have been interdisciplinary and I have published with faculty from the Colleges of Agriculture, Education, and Engineering, in addition to my colleagues in the College of Arts and Sciences. I have enjoyed my interactions with students and have taught courses from Math 100 to Math 999. I have been major professor for eleven Ph.D. students (9 in Mathematics and 2 in Curriculum and Instruction) and have also been the research mentor for six undergraduate students who received Goldwater scholarships. I have been honored with a Commerce Bank Teaching Award, named Professor of the Year by the Housing and Dining Association, and in 2014 I received the Haimo Award for Distinguished College or University Teaching from the Mathematical Association of America. I currently serve as head of the Department of Mathematics and, as chair of the Academic Affairs committee, have been on Faculty Senate Leadership for the last four years.

I am proud of my accomplishments, but I confess the list above doesn't really show that I have what I think is the most important skill of a faculty senate president, listening. Faculty and professional staff from across K-State have different backgrounds and different professional cultures. We will never agree on everything. But we have many common interests that must be communicated to the administration. I will try as Faculty Senate president to understand concerns from across the university and to work with the Senate to synthesize them into the important shared points to make to the appropriate administrators. My experience in Faculty Senate Leadership and as a department head will help me understand the context of decisions and how best to present a convincing argument. In particular, we must be sure that the focus of the university remain on the people of K-State, and not the whims of donors or legislators. Faculty Senate must bring together faculty and professional staff in shared governance with the administration to be sure that our decisions put our people first. As president of faculty senate I will forcefully convey the voice of the faculty and staff to central administration and work with them to make K-State a place where students, faculty, and staff have the resources to be successful and are properly rewarded for their successes.

Andrew G. Bennett
Curriculum Vita

A. Professional Preparation:

- Ph.D. 1985 Princeton University,
Thesis title: "Probabilistic square functions, martingale transforms, and
a priori estimates"
- M.A. 1982 Princeton University
- B.S. 1981 Colorado State University (with honors and highest distinction)

B. Appointments:

- 2013- Head, Dept. of Mathematics, Kansas State University
- 2006-2013 Director, Center for Quantitative Education, Kansas State University
- 2003- Professor, Dept. of Mathematics, Kansas State University
- 1992-2003 Associate Professor, Dept. of Mathematics, Kansas State University
- 1988-1992 Assistant Professor, Dept. of Mathematics, Kansas State University
- 1985-1988 Instructor, Dept. of Mathematics, University of Texas, Austin

C. Selected Publications:

1. "Probabilistic Square functions and a priori estimates," *Trans. Amer. Math. Soc.*, **291** (1985), 159-166.
2. "The T1 theorem for martingales," *Proc. Amer. Math. Soc.*, **107** (1989), 493-502.
3. "Teaching Mathematics as a Language," *Proceedings of the Midwest Section Meeting of the Amer. Soc. Eng. Ed.*, March 2001, (received paper award).
4. "Complex Function Grapher," *Journal of Online Mathematics and its Applications*, **1** (2001), (MAA Online Journal – no page numbers).
5. "Transfer of learning in problem solving in the context of mathematics and physics," with Rebello, S., L. Cui, D. Zollman, & D. Ozimek, in Jonassen D. (ed.) *Learning to Solve Complex Scientific Problems*, Lawrence Erlbaum, pp. 223-246, 2007.
6. "Data-Mining an Online Homework System," with Lawrence, E., G. Neumann, E. Verbych, and S. Warren, *Proceedings of the 2007 ASEE Annual Conference*, Honolulu HI (CD – no page numbers).
7. "Simultaneous Renewal Through Profession Development School Partnerships," with Shroyer, G., S. Yahnke, & C. Dunn, *Jour Ed Res*, **100** (Mar/Apr 2007), 211-224.
8. "Agriculture," with D. Boggs, in Haver, W.E. and S.L. Ganter (Eds.), *Moving Forward: Innovations in Introductory Collegiate Mathematics*, MAA Reports, Washington, DC: Mathematical Association of America, 2011.
9. "Studio College Algebra at Kansas State University," with R. Manspeaker, R. Natarajan, and J. Paulhus, in Ganter S. L. and W. E. Haver (eds), *Partner Discipline Recommendations for Introductory College Mathematics and the Implications for College Algebra*, MAA Reports, pp. 99-105, 2011.
10. "Improving Student Learning of Calculus Topics via Modified Just-in-Time Teaching Methods," with R. Natarajan, *PRIMUS*, **24** No. 2 (2014) pp. 149-159.

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D. Selected Activities:

1. Served as a co-PI on the Equity and Access Project, a Department of Education sponsored-project involving the collaboration of the College of Education, the College of Arts and Sciences, three community colleges and five local education authorities to reform the teacher preparation program at Kansas State University, as well as several NSF grants on mathematics education.
2. Organizer of 30 conferences and sessions on mathematics and mathematics education. Most recently organized a session on “Innovative Ideas for Courses in the First Two Years” for the 2013 Joint Mathematics Meetings in San Diego.
3. Over 100 invited presentations on mathematics and mathematics education, including plenary addresses at the Mathematics Technology Expo (Kansas City 2005) and the Texas section Meeting of the MAA (2006).
4. Chairman of the Kansas section of the Mathematical Association of America during 1999-2000 and served a term on the national Board of Governors of the MAA (2007-2009). Also served seven year on the MAA’s subcommittee on Curriculum Renewal and the First Two Years, including a three-year term as chair.
5. Served on the Faculty Senate Academic Affairs Committee since 2009, chairing the committee since 2011. Also an organizer of the Open/Alternative Textbooks committee, and has served on over a half-dozen additional committees and task forces on campus.

E. Selected Honors:

1981	Elected to Phi Beta Kappa (Delta of Colorado)
1987	Univ. of Texas Mathematics Department Teaching Award
1991, '94	William Stamey Teaching Award
1994, 2011	Mathematics Faculty Graduate Teaching Award
2001	Commerce Bank Outstanding Undergraduate Teaching Award
2005, '06, '08	Making a Difference Award
2007	Housing and Dining Services Professor of the Year
2012	Award for Distinguished College of University Teaching, Kansas Section of the MAA
2014	Haimo Award for Distinguished College or University Teaching, MAA

F. Ph.D. and Post-doctoral Supervision

- 11 Ph.D. Students (9 Math, 2 Curriculum & Instruction). Eric Canning (Morningside), Andrew Cousino (KSU), Cris Gawlik (Explorelearning), Michael Lloyd (Henderson), Rachel Manspeaker (Coker College), Todd Moore (St. Mary Univ.), Magdalena Mosbo (SUNY – Oswego), Rekha Natarajan (KSU), Hassan Sayyar (Arkansas – Monticello), Bernd Schroeder (La. Tech), William Weber (Fort Hays State).
- 12 Post-Graduate Scholars: Fedor Andreev (Western Illinois), Cheryl Balm (De Anza), Julia Bergner (UC – Riverside), Jon Brown (Akron) Carlos Castillo-Garsow (Eastern Washington), Dominic Lanphier (Western Kentucky), Sean Lawton (UT – Pan-American), Hien Nguyen (Iowa State), Genevra Neumann, Silvia Onofrei (Ohio State), Jennifer Paulhus (Grinnell), Michael Scott (CSU – Monterrey Bay).