

PROMOTION RECOMMENDATION  
The University of Michigan  
College of Literature, Science, and the Arts

Anna K. Mapp, assistant professor of chemistry, College of Literature, Science and the Arts, and assistant professor of medicinal chemistry, College of Pharmacy, is recommended for promotion to associate professor of chemistry, with tenure, College of Literature, Science, and the Arts, and associate professor of medicinal chemistry, without tenure, College of Pharmacy.

Academic Degrees:

1997 Ph.D. University of California, Berkeley  
1992 A.B. Bryn Mawr College

Professional Record:

2000 – present Assistant Professor, Department of Chemistry, and Assistant Professor,  
Department of Medicinal Chemistry, University of Michigan  
1997 – 2000 National Institutes of Health Postdoctoral Fellow, California Institute of  
Technology

Summary of Evaluations:

Teaching – Professor Mapp is an excellent teacher and research mentor. She has received outstanding teaching evaluations in courses at all levels. She has been an important contributor to the development of a new two-semester 500-level course as part of the curriculum for the new Chemical Biology Interdisciplinary Graduate Program. She is committed to undergraduate mentoring in her research lab where she has worked with thirteen students. She currently has a robust group of twelve doctoral students. She is deeply concerned with the development and welfare of the graduate students in her own group and in the Department of Chemistry as a whole.

Research – Professor Mapp's research is in the interdisciplinary field of chemical biology which is at the interface of organic chemistry, biochemistry, medicinal chemistry and cell biology. She has gained national and international recognition as a creative researcher and leader in the area of chemical biology. She is an individual of high integrity and personal and professional maturity. She is viewed as ranking among the best academicians in her peer group. She has published ten research papers and six reviews from her independent work at Michigan. In addition, she has been invited to present a large number of seminars, both at other institutions and at national and international meetings.

Recent and Significant Publications:

- “Stereochemical promiscuity in artificial transcriptional activators,” with S. J. Buhrlage, et al., *Journal of the American Chemical Society*, 127, 2005, pp. 12456-12457.
- “Unraveling the mechanism of a potent transcriptional activator,” with Z. Lu, et al., *Journal of Biological Chemistry*, 2005, pp. 29689-29698.
- “A small molecule transcriptional activation domain,” with A. R. Minter and B. B. Brennan, *Journal of the American Chemical Society*, 126, 2004, pp. 10504-10505. [Highlighted in *Science*, 305, 2004, p. 1092; *Nature*, 431, 2004, p. 144; *The Scientist*, 18(21), 2004, p. 30; and *Chemical and Engineering News*, 82(33), 2004, p. 22.]
- “A concise approach to structurally diverse  $\beta$ -amino acids,” with A. R. Minter and A. A. Fuller, *Journal of the American Chemical Society*, 125, 2003, pp. 6846-6847. [Highlighted in *Angewandte Chemie International Edition*, 42, 2003, pp. 5794-5795.]

Service –Professor Mapp has served on, and continues to serve on, a number of pivotal departmental and University committees, and is involved in a range of key initiatives on campus. Her colleagues feel that she makes important contributions, and in a number of these areas, she has assumed leadership roles. Her work in the area of recruiting and mentoring of graduate students has been especially noteworthy.

External Reviews:

Reviewer (A)

“I strongly support Dr. Mapp’s promotion to Associate Professor with Tenure. I believe that her record of achievement, her growing international stature, and her promise for future discoveries support this decision.”

Reviewer (B)

“The most exciting advance is her work on small molecule transcription activators. However, the work on beta amino acids is also very nice. ...very impressive is her role in teaching at Michigan. ...she is doing much more than the minimum in thinking about education. ... My advice is to promote her forthwith.”

Reviewer (C)

“I believe her most impressive paper, really a paper that changed my thinking (and other peoples’) about transcriptional activators is her 2004 paper on a small molecule transcriptional activation domain. ... Her paper really did move the field into the realm of small molecules.”

Reviewer (D)

“...Mapp is one of the most promising of chemical biologists out there. I can easily imagine her assuming the central leadership role [in her generation]. The case to promote her is ‘slam-dunk’ ... Amy confidence invested in Anna Mapp will be amply rewarded.”

Reviewer (E)

“At Michigan, Anna Mapp has established herself as a *leader* in chemical biology. ...Anna has those other wonderful qualities that one looks for in a valued colleague – a broad scientific vision, deep intellect, scientific rigor, modesty and integrity.”

Reviewer (F)

“...Anna’s contributions to the transcription field are first rate and her publications in the field are nothing short of spectacular. ... Given Anna’s record of achievement, I have every expectation that significant new advances will come from her laboratory in the future. I also think that it is now fitting and appropriate that Dr. Mapp be promoted to tenure.”

Reviewer (G)

“There is no doubt that she deserves promotion at this time.”

Reviewer (H)

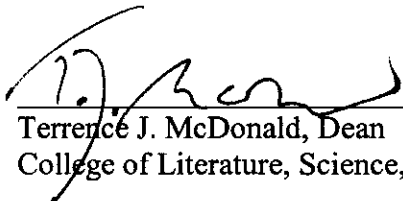
“Her involvement with teaching, service, and the chemical community appears to be outstanding, and so do her visibility on the national and international scene...”

Reviewer (I)

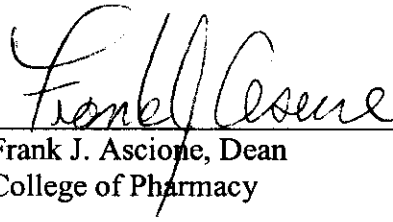
“The ambitious nature of Anna Mapp’s research program, the high quality of her publications, and her obvious potential for future growth argue persuasively for her promotion to tenure at this time. I would endorse with enthusiasm Professor Mapp’s promotion in my Department.”

Summary of Recommendation:

Professor Mapp excels in all areas of academics. She is an outstanding and creative researcher, a caring mentor, an innovative teacher, and a leader in the Department. The Executive Committees of the College of Literature, Science and the Arts and the College of Pharmacy and we recommend that Assistant Professor Anna K. Mapp be promoted to the rank of associate professor of chemistry, with tenure, College of Literature, Science, and the Arts, and associate professor of medicinal chemistry, without tenure, College of Pharmacy.



Terrence J. McDonald, Dean  
College of Literature, Science, and the Arts



Frank J. Ascione, Dean  
College of Pharmacy

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