

Toni Ann Ivey, M.Ed.

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Current as of: May 10, 2007

EDUCATION

2003 **M.Ed. Curriculum and Instruction**
Texas A&M University, College Station, TX 77845
2000 **B.S. Geology**
Texas A&M University, College Station, TX 77845

CERTIFICATIONS

2003-present **Science Composite 6-12 (valid)**

ACADEMIC POSITIONS

2005-present **PRISE Scholar**
2002 – 2005 **Public School Science Teacher**, MacArthur High School,
Aldine ISD, Houston, TX 77039
2004-2005 **Physics and TAKS remediation teacher**, MacArthur High
School, Aldine ISD, Houston, TX 77039
2003-2004 **Chemistry, IPC, and TAKS remediation teacher**,
MacArthur High School, Aldine ISD, Houston, TX 77039
2002-2003 **IPC teacher**, MacArthur High School, Aldine ISD,
Houston, TX 77039
2002 **9th grade initiate teacher**, North Zulch ISD
2000-2001 **Graduate Assistant Teaching**, Department of Geology and
Geophysics, Texas A&M University, College Station, TX
77845

PROFESSIONAL SERVICE

- 2005-2006 **Graduate Student Association, Department of Teaching, Learning and Culture, Professional Development Chair**, – Texas A&M University, College Station, TX 77845
- 2005 (summer) **Science Department Head**, MacArthur High School, Aldine ISD, Houston, TX 77039
- 2005 **Founder of Science National Honor Society Chapter**, MacArthur High School, Aldine ISD, Houston, TX 77039
- 2004-2005 **Physics Team Leader**, MacArthur High School, Aldine ISD, Houston, TX 77039
- 2003-2004 **Integrated Physics and Chemistry Team Leader**, MacArthur High School, Aldine ISD, Houston, TX 77039
- 2003-2005 **Faculty Advisory Committee**, MacArthur High School, Aldine ISD, Houston, TX 77039
- 2002 **Kappa Delta Pi**, Inducted into Texas A&M Chapter

HONORS AND AWARDS

- 2005-present **PRISE Scholar Fellowship** – Texas A&M University, College Station, TX 77845
- 2005 (summer) **Science Department Head**, MacArthur High School, Aldine ISD, Houston, TX 77039
- 2004-2005 **Physics Team Leader**, MacArthur High School, Aldine ISD, Houston, TX 77039
- 2003-2004 **Integrated Physics and Chemistry Team Leader**, MacArthur High School, Aldine ISD, Houston, TX 77039
- 2002 **Kappa Delta Pi**, Inducted into Texas A&M Chapter

PROFESSIONAL PRESENTATIONS

- Metty, J., Brooks, L., **Ivey, T. A.**, Milam, J., Peterson, C. A., Richardson, R., et al. (2006). *Mixed methods research: Examples of graduate students' mixed methods study proposals*. Paper presented at the meeting of the School Science and Mathematics Association, Missoula, MT.
- Metty, J., **Ivey, T. A.**, Milam, J., Brooks, L., Peterson, C. A., Troncoso-Skidmore, S., et al. (2006). *Mixed methods research: Examples of graduate students mixed methods study proposals*. Paper presented at the meeting of the Southwest Association for Science Teacher Education, Wichita, KS.
- Metty, J., **Ivey, T. A.**, & Stuessy, C. L. (2006a). *Value of M-SCOPS observation tool in pre-service methods classes*. Paper presented at the meeting of the Southwest Association for Science Teacher Education, Wichita, KS.

Metty, J., **Ivey, T. A.**, & Stuessy, C. L. (2006b, October). *Value of M-SCOPS observational tool in pre-service methods classes*. Paper presented at the meeting of the School Science and Mathematics Association, Missoula, MT.

Stuessy, C. L., **Ivey, T. A.**, Metty, J., Troncoso-Skidmore, S., Richardson, R., Wilson, R. J., et al. (2006). *Informing policy: Strategies for retaining highly qualified high school science teachers*. Paper presented at the meeting of the Southwest Association for Science Teacher Education, Wichita, KS.

Stuessy, C. L., McNamra, J. F., Scott, T., Bozeman, T. D., **Ivey, T. A.**, Richardson, R., et al. (2006). *Recruitment, retention, and continuous career development of science teachers: A policy research initiative*. Poster session presented at the meeting of the Center for Research, Evaluation and Advancement of Teacher Education, San Antonio, TX.

WORKS IN PROGRESS

Ivey, T. A. (2007). *Supportive administrators*. Unpublished Monograph, Policy Research Initiative in Science Education, Texas A&M University, College Station, TX.

Ivey, T. A., & Richardson, R. (2007). Professional relationships within school walls. Policy Research Initiative in Science Education, Texas A&M University.

Metty, J., & **Ivey, T. A.** (2007). Working conditions. Policy Research Initiative in Science Education, Texas A&M University.

Courses Taught

MASC-450-500

Integrated Math and Science Methods—Problem Solving in Grades 6-8

PROFESIONAL MEMBERSHIP

National Associations for Research in Science Teaching (2007-present)

School Science and Mathematics Association (2005-present)

American Educational Research Association (2005-present)

PROFESSIONAL INTERESTS

Science Education

Policy Research

Science Teacher Preparation and Education

Authentic Scientific Inquiry

Science Teacher Recruitment, Retention, and Professional Development

COMMITTEES AND SERVICE

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| 2005 | Teacher Education Faculty Search Committee , Texas A& M University, College Station, TX 77845 |
| 2004-2005 | Physics Curriculum Writing Team , MacArthur High School, Aldine ISD, Houston, Texas 77039 |
| 2004-2005 | Academic Decathlon state contest planning committee , MacArthur High School, Aldine ISD, Houston, Texas 77039 |
| 2003-2004 | Chemistry Curriculum Writing Team , MacArthur High School, Aldine ISD, Houston, TX 77039 |
| 2002-2003 | Integrated Physics and Chemistry Curriculum Writing Team , MacArthur High School, Aldine ISD, Houston, TX |