

DATE: 5/22/09

## CURRICULUM VITAE

Paul B. Tomascak

### I. Address

8180 Cranes Watch Circle, Baldwinsville, NY 13027

### II. Education

Ph. D. University of Maryland; College Park, MD (1995)

M.Sc. Geology, University of Manitoba; Winnipeg, Canada (1991)

B.S. Geology, New Mexico Inst. Mining and Technology; Socorro, NM (1988)

### III. Honors/Awards/Licenses

UUP Professional Development Grant (\$496, 3/09) for preparation of petrographic samples;

NSF MRI0821302: "Acquisition of a quadrupole ICP-MS" (**full funding** \$246,047, 9/08, with W Kadima, Dept. of Chemistry);

SUNY Oswego Student-Faculty Collaborative Challenge Grant, "Micro-characterization of zircon crystals: Deeper insights into time and processes of mountain building" (\$2,500, 9/06);

SUNY Oswego SCAP, proposal for five replacement computers for the Geology computer lab co-written w/ S Gabel (full funding \$4,135, 11/05);

NSF EAR0510726: "RUI: How is the granite melt flow network recorded in migmatites and by associated granite plutons?" (**full funding** \$78,575, 8/05, with GS Solar, Buffalo State College);

SUNY Oswego Scholarly and Creative Achievement Grant, "Views into how mountain belts grow: The Adamstown pluton, western Maine" (\$1,981, 3/05);

UUP Professional Development Grant (\$350, 3/05) for international travel;

SUNY Oswego International Travel Grant (\$500, 3/05);

NSF EAR0208012: "Li isotopic investigations of the crust and mantle" (full funding \$280,000, 4/02, with RL Rudnick and WF McDonough); N.S.F. EAR0106719: "Li isotopic investigations of the crust and mantle" (seed funding \$50,000, 7/01, with RL Rudnick and WF McDonough);

Lamont Investment Fund Research Grant: "The lithium isotope budget of a closed-basin lake: Mono Lake, California" (12/99, with NG Hemming and SR Hemming);

NSF Earth Sciences Postdoctoral Research Fellowship Award EAR9805654: "The geochemical budget and paleo-geochemistry of boron, lithium, strontium, and rare earth elements in Mono Lake, CA" (7/98);

Carnegie Postdoctoral Research Fellowship: "Applications of lithium isotopes to mantle geochemistry and cosmochemistry" (5/96)

### IV. Competency in Teaching

2009 spring: GEO 306 (Science, Pseudoscience and Fraud), GEO 475 (Geochemistry, with lab) -- team instruction w/ C Raymond, GEO 416 (Petrology, with lab) -- co-instruction w/ D Valentino [1/4 load reduction from NSF-MRI grant this semester]

2008 fall: GEO 100 (Physical Geology, 91 students), GEO 310 (Mineralogy, with lab)

2008 spring: GEO 306 (Science, Pseudoscience and Fraud), GEO 390 (Surficial Geochemistry, with lab -- listed as GEO 390, Surficial Geochemistry), GEO 416 (Petrology, with lab) -- co-instruction w/ D Valentino

2007 fall: GEO 310 (Mineralogy, with lab), GEO 475/CHE 475 (Geochemistry, with lab)

2007 spring: GEO 100 (Physical Geology, 32 students), GEO 100L (Physical Geology Lab), GEO 306 (Science, Pseudoscience and Fraud), GEO 398 (Geowriting)--co-instruction w/ A Hoffmeister, GEO 416 (Petrology, with lab)--co-instruction w/ D Valentino

2006 fall: GEO 100 (Physical Geology, 78 students), GEO 310 (Mineralogy, with lab--two sections), GEO 335 (Surface Water Hydrology)

2006 spring: GEO 100 (Physical Geology, 99 students), GEO 100L (Physical Geology Lab), GEO 306 (Science, Pseudoscience and Fraud)

2005 fall: GEO 100 (Physical Geology, 38 students), GEO 310 (Mineralogy, with lab), GEO 390 (G.I.S.)

2005 summer: GEO 481 (Geology Field Camp)

2005 spring: GEO 100 (Physical Geology, two sections--85&15 students), GEO 100L (Physical Geology Lab), GEO 475/Che 475 (Geochemistry, with lab)

2004 fall: GEO 100 (Physical Geology, 65 students), GEO 100L (Physical Geology Lab), GEO 416 (Petrology, with lab)

2004 summer: GEO 481 (Geology Field Camp)

2004 spring: GEO 100 (Physical Geology, 41 students), GEO 100L (Physical Geology Lab), GEO 310 (Mineralogy, with lab)

2003 summer - Univ. of Maryland: GEO 100 (Physical Geology)

2002 summer - Univ. of Maryland: GEO 100 (Physical Geology)

2001 summer - Univ. of Maryland: GEO 100 (Physical Geology)

2000 fall - Univ. of Maryland: GEO 100 (Physical Geology)

2000 summer - Univ. of Maryland: GEO 100 (Physical Geology)

2000 spring - Univ. of Maryland: GEO 100 (Physical Geology)

1995 fall - Univ. of Maryland: GEO 100 (Physical Geology, two sections)

## **V. Employment History**

2008 - present: Associate Professor of Geology & Geochemistry, Department of Earth Sciences, SUNY-Oswego

2004 - 2008: Assistant Professor of Geology & Geochemistry, Department of Earth Sciences, SUNY-Oswego (granted continuing appointment during summer 2007)

2000 - 2003: Assistant Research Scientist, Department of Geology, University of Maryland (currently appointed Visiting University Researcher)

1998 - 2000: National Science Foundation Postdoctoral Research Fellow, Lamont-Doherty Earth Observatory of Columbia University (currently appointed Adjunct Associate Research Scientist)

1996 -1998: Carnegie Postdoctoral Research Fellow, Carnegie Institution of Washington, D.C.

1996: Faculty Research Associate, Department of Geology, University of Maryland

1991 - 1995: Teaching and Research Assistant, Department of Geology, University of Maryland

1988 - 1991: Teaching Assistant, Department of Geological Sciences, University of Manitoba

1987 - 1988: Student Technician, Petroleum Resources Division, New Mexico Bureau of Mines

## **VI. Course/Program Development**

programmatic work: revision to Geology B.S. Environmental Earth Science track -- modification of major w/ D Boyer & D Valentino to revive moribund environmental track in major (fall 08 - spring 09)

course development: GEO 390+L (Surficial Geochemistry; a model for GEO 301, Environmental Geology, in future semesters) -- independent development of offering on geochemical approaches to the study of water-atmosphere-mineral interaction (spring 08)

programmatic work: revision to Geology B.S. -- modification of major w/ D Valentino to simultaneously improve student outcomes and distribute load of major course instruction more effectively over four full-time faculty (fall 07 - spring 08)

course development: GEO 398 (Geowriting) -- co-redevelopment of previous offering (w/ A Hoffmeister), to more effectively target lower-level majors who have not yet reached writing-intensive upper-level Geology courses (spring 07)

course development: GEO 335 (Surface Water Hydrology) -- independent redevelopment of previous offering with greater emphasis on geochemical approaches to hydrologic study (fall 06)  
new course: GEO 390 (Intro. to Geographical Information Systems) -- independent development of course using computer facilities in Snygg Hall (fall 05)  
programmatic work: revision to Geochemistry B.S. -- engaged w/ S Gabel & C Raymond in program review and improvement (program review fall 05, program revisions continuing at present)

## **VII. College/University Service**

Chair, Curriculum Innovation Grant review committee (spring 09)  
Department representative on Sciences Subdivision Peer Review Committee (AY 08-09)  
Chair, Earth Science Department Promotion & Merit Committee (spring 08-present);  
Search Chair, Geology 1-year replacement faculty position (fall 07-spring 08);  
Chair, *Science Today* seminar series (AY 07-08 & 08-09);  
A&S Research Scientist faculty position search committee (fall 06-spring 08);  
Advisement Coordinator, Geology Program (summer 06-present);  
Academic Policies Council, non-FA member (recorder, fall 06-present);  
Search Chair, Geology 1-year replacement faculty position (spring/summer 06);  
Selection committee, President's Award for Teaching Excellence (spring 06, 07, 08);  
Committee On Learning and Teaching (spring 06-present; Co-Chair as of fall 08);  
Graduation Marshal (spring 05, 07);  
Academic Quality Committee (AY 05-06);  
Program and Advisement Coordinator, Geochemistry B.S. Program (04-present);  
Editorial board, College of Arts & Sciences Newsletter (04-06);  
Program Coordinator, Geology (during D Valentino sabbatical, fall 04);  
Chair, Earth Science Department Budget Committee (04-08);  
Representative, Earth Science Department Open House Committee (04-06; 07-08);  
Departmental Representative, Chemical Hygiene Committee (04-present);  
Member, Equipment Subcommittee of the A&S Science Planning Committee (04-present)

## **VIII. Community/Professional Service**

Session co-organizer, "Migmatites -- Processes and Products in the Generation of Granite," AGU Joint Assembly, Toronto, 2009  
Judge, Sigma Xi northeast regional conference, Oswego, spring 09  
Exhibits Coordinator, 08 NEGSA Meeting, Buffalo, NY;  
Session co-organizer, "Granites and Migmatites -- Relations in the Northeastern Appalachians," 08 NEGSA Meeting, Buffalo, NY;  
Member-at-Large, GSA Committee on Research Grants (07-10 term);  
Session co-organizer, "Crustal Melt Flow in Orogenic Belts: Integrated Field, Microstructural, Geochemical and Geochronological Analysis of Migmatites and Associated Granites," GSA Annual Meeting, Philadelphia, PA (fall 06);  
MSA Committee on Short Courses (06-09 term; Chair, 08-09);  
Session co-convenor, "Light Elements in the Continental Crust: Tracing Sources, Sinks and Transport Processes," Goldschmidt Conference, Melbourne, Australia (summer 06);  
GSA Campus Representative, SUNY-Oswego (04-present);  
Organizing Committee, 2004 NEGSA-SEGSA Joint Meeting, Tysons Corner, VA;  
Session organizer, "Granites at Convergent Margins: Physical and Chemical Processes," GSA Annual Meeting, Seattle, WA (fall 03);  
GSA Campus Representative, Univ. Maryland (02-03);  
Awards Committee, GSW, (02);  
Judge, Graduate Research Interaction Day, Univ. Maryland (spring 01);

Judge, AGU student presentation awards, VGP Section: 01 (fall), 00 (spring), 99 (fall), 98 (fall);  
Volunteer session chair (Isotope Geochemistry), AGU spring Meeting (spring 00);  
Volunteer session chair (Aqueous Geochemistry), GSA Annual Meeting (fall 00);  
Volunteer, Carnegie Academy for Science Education, Washington DC (98);  
Session chair, "New Approaches to Pegmatite Study," Geol. Assoc. Canada-Min. Assoc. Canada  
Annual Meeting (spring 96);  
Volunteer session chair (Isotope Geochemistry), AGU spring Meeting (spring 95)

## **IX. Professional Organizations**

### **A. Memberships**

American Geophysical Union (AGU), Geological Society of America (GSA), Mineralogical Association of Canada (MAC), Mineralogical Society of America (MSA), Skeptics Society

### **B. Offices Held**

Council Secretary, Geological Society of Washington (2003); Meetings Secretary, Geological Society of Washington (2002); Program Chair, Geological Society of Washington (2001)

## **X. Scholarly and Creative Achievements**

### **B. Articles and Reviews**

- Teng FZ, Rudnick RL, McDonough WF, Gao S, **Tomascak PB**, and Liu Y (2008) Lithium isotopic composition and concentration of the deep continental crust. *Chemical Geology* 255, 47-59.
- Bosch W, Hester J, MacEntee V, MacKenzie J, Morey TM, Nichols J, Pacitti P, Shaffer B, **Tomascak PB**, Weber S, and Young R (2008) Beyond lip-service: A operational definition of "learning-centered college." *Innovative Higher Education* 33, 83-98.
- Tomascak PB**, Langmuir CH, LeRoux P, and Shirey SB (2008) Lithium isotopes in global mid-ocean ridge basalts. *Geochimica et Cosmochimica Acta* 72, 1626-1637.
- Lev SM, Filer J, **Tomascak PB** (2008) Orogenesis vs. diagenesis: Can we use organic-rich shales to interpret the tectonic evolution of a depositional basin? *Earth Science Reviews* 86, 1-14.
- West Jr DP, **Tomascak PB**, Coish RA, Yates MG, and Reilly MJ (2007) Petrogenesis of the ultrapotassic Lincoln syenite, Maine: late Silurian-early Devonian melting of a source region modified by subduction-driven metasomatism. *American Journal of Science* 307, 265-310.
- Tomascak PB**, Brown M, Solar GS, Becker HJ, Centorbi TL, and Tian J (2005) Source contributions to Devonian granite magmatism near the Laurentian border, New Hampshire and western Maine, USA. *Lithos* 80, 75-99.
- Rudnick RL, **Tomascak PB**, Njo HB, Gardner LR (2004) Extreme lithium isotopic fractionation during continental weathering revealed in saprolites from South Carolina. *Chemical Geology* 212, 45-57.
- Teng FZ, McDonough WF, Rudnick RL, Dalpé C, **Tomascak PB**, Gao S, Chappell BW (2004) Lithium isotopic composition and concentration of the upper continental crust. *Geochimica et Cosmochimica Acta* 68, 4181-4192.
- Tomascak PB** (2004) Developments in the understanding and application of lithium isotopes in the Earth and planetary sciences. In: Johnson CM, Beard BA, and Albarede F (eds) *Geochemistry of Non-Traditional Isotope Systems*, Mineralogical Society of America Reviews Mineralogy Geochemistry, 55, 153-195.
- West Jr DP, Coish RA, and **Tomascak PB** (2004) Tectonic setting and regional correlation of Ordovician metavolcanic rocks of the Casco Bay Group, south-central Maine: Evidence from trace element and isotope geochemistry. *Geological Magazine* 141, 125-140.
- Cerný P, Anderson AJ, **Tomascak PB**, and Chapman R (2003) Geochemical and morphological features of beryl from the Bikita granitic pegmatite, Zimbabwe. *Canadian Mineralogist* 41, 1003-1011.

- Zack T, **Tomascak PB**, Rudnick RL, Dalpe C, and McDonough WF (2003) Extremely light Li in orogenic eclogites: The role of isotope fractionation during dehydration in subducted oceanic crust Earth and Planetary Science Letters 208, 279-290.
- Tomascak PB**, Hemming NG, and Hemming SR (2003) The lithium isotopic composition of waters of the Mono Basin, California. *Geochimica et Cosmochimica Acta* 67, 601-611.
- Owens BE and **Tomascak PB** (2002) Mesoproterozoic lamprophyres in the Labrieville Massif, Quebec: Clues to the origin of alkalic anorthosites? *Canadian Journal of Earth Science* 39, 983-997.
- Tomascak PB**, Widom E, Benton LD, Goldstein SL, and Ryan JG (2002) The control of lithium budgets in island arcs. *Earth and Planetary Science Letters* 196, 227-238.
- Solar GS, Brown M, and **Tomascak PB** (2001) Deformation, metamorphism, and granite ascent in western Maine. in West Jr DP and Bailey RH (eds) *Guidebook for Geological Field Trips in New England*, Geological Society of America, p.Q-1 – Q-30.
- Tomascak PB**, Ryan JG, and Defant, MJ (2000) Lithium isotope evidence for light element decoupling in the Panama subarc mantle. *Geology* 28 (6), 507-510.
- Tomascak PB**, Tera F, Helz RL, and Walker RJ (1999) The absence of lithium isotope fractionation during basalt differentiation: new measurements by multi-collector sector ICP-MS. *Geochimica et Cosmochimica Acta* 63 (6), 907-910.
- Tomascak PB**, Carlson RW, and Shirey SB (1999) Accurate and precise determination of Li isotopic compositions by multi-collector sector ICP-MS. *Chemical Geology/Isotope Geoscience* 158, 145-154.
- Tomascak PB**, Krogstad EJ, and Walker RJ (1999) The significance of the Norumbega Fault Zone in southwestern Maine: clues from the geochemistry of granitic rocks. In: Ludman A and West Jr DP (eds) *The Norumbega Fault System of the Northern Appalachians*, Geological Society of America Special Paper 331, 105-119.
- Tomascak PB**, Krogstad EJ, and Walker RJ (1998) Sm-Nd isotope systematics and the derivation of granitic pegmatites in southwestern Maine, USA. *Canadian Mineralogist* 36, 327-337.
- Meisel T, Melcher F, **Tomascak PB**, Dingeldey C, and Koller F (1997) Re-Os isotopes in orogenic peridotite massifs from the Eastern Alps, Austria. *Chemical Geology* 143, 217-229.
- Tomascak PB**, Krogstad EJ, and Walker RJ (1996) Nature of the crust in Maine, USA: evidence from the Sebago batholith. *Contributions to Mineralogy and Petrology* 125, 45-59.
- Tomascak PB**, Krogstad EJ, and Walker RJ (1996) U-Pb monazite geochronology of granitic rocks from Maine: Implications for late Paleozoic tectonics in the northern Appalachians. *Journal of Geology* 104, 185-195.
- Tomascak PB**, Wise MA, Cerný P, and Trueman DL (1994) Reconnaissance studies of four pegmatite populations in the Northwest Territories. In: Sinclair WD, Richardson DG (eds) *Studies of Rare-Metal Deposits in the Northwest Territories*, Geological Survey of Canada Bulletin 475, 33-62.

#### **XI a. Presentations/Exhibits/Performances (professional meetings/conferences)**

- Tomascak PB**, Kauffman CP, Valentino JD, Solar GS, and LaFleur LL (2008) Timing of Granite-Migmatite Relations, Sebago Migmatite Domain, Southern Maine. Geological Association of Canada-Mineralogical Association of Canada Abstracts with Programs
- Tomascak PB**, Grade MS, and Solar GS (2008) Isotopic heterogeneity and potential variable sources of granitic rocks of the Sebago Migmatite Domain, southern Maine. Northeast Section Geological Society of America Abstracts with Programs
- LaFleur LL, Solar GS, and **Tomascak PB** (2008) Documentation of a pluton contact zone in the middle crust: Details and implications of a new exposure of the eastern contact of the Sebago pluton and the eastern Sebago Migmatite Domain, southern Maine. Northeast Section Geological Society of America Abstracts with Programs
- Tomascak PB** (2007) The plutonic record of the late Paleozoic in Maine. Northeast Section Geological Society of America Abstracts with Programs
- Solar GS, **Tomascak PB**, and Brown M (2006) Metamorphism, deformation, melting and granite melt transfer in the Rangeley Rumford area. In: Gibson D, Daly J, and Reusch D (eds) *New England Intercollegiate Geological Conference Field Trip Guidebook*, 191-216.

- Anderson AJ, **Tomascak PB**, and Cerný P (2004) Petrogenesis of the Cross Lake pegmatite field, central Manitoba. Geological Society of America Abstracts with Programs 36
- Tomascak PB** (2003) Lithium isotopes in the solid Earth. Thirteenth VM Goldschmidt Conference Abstract \*invited\*
- Tomascak PB** and Solar GS (2001) Integrated structural and geochemical studies of granite magmatism, Maine Appalachians. EOS 82 (47), F1409.
- Zack T, **Tomascak PB**, McDonough WF, Dalpé C, and Rudnick RL (2001) Light Li isotopic composition in subducting slabs: Evidence from Alpine eclogites. EOS 82 (47), F1294.
- Tomascak PB**, Hemming NG, and Hemming SR (2001) Controls on lithium isotope fractionation in evaporite systems. Geological Society of America Abstracts with Programs, A452.
- Zack T, **Tomascak PB**, Rudnick RL, and McDonough W.F. (2001) Li isotope fractionation during slab dehydration? Implications from studies of subduction-related eclogites and associated garnet mica schists. *Eleventh V.M. Goldschmidt Conference Abstracts*
- Tomascak PB**, Brown M, Becker H, Solar GS, and Tian J (2001) Multiple sources and multiple processes: unraveling Acadian magmatism. *Northeast Sect. Geological Society of America Abstracts with Programs* \*invited\*
- Solar GS and **Tomascak PB** (2001) Is there a relation between transpressive deformation and pluton emplacement in southern Maine?: the Norumbega shear zone system and the Sebago granite. *Northeast Sect. Geological Society of America Abstracts with Programs*
- Tomascak PB**, Hemming NG, and Hemming SR (2000) Coupled Li-Sr isotope variations in the Mono Lake hydrologic system. Geological Society of America Abstracts with Programs
- Tomascak PB**, Benton, LD, Ryan JG, and Widom, E (2000) Lithium isotopes and light element behavior in the subarc mantle: A multiple-arc study. EOS 81, S.
- Tomascak PB** and Langmuir CH (1999) Lithium isotope variability in MORB. EOS 80 (46), F1086-1087.
- Tomascak PB**, Hemming NG, and Hemming SR (1999) Lithium isotope geochemistry of Mono Lake, California. Seventh International Conference on Salt Lakes, Furnace Creek, CA.
- Tomascak PB**, Hemming NG, and Hemming SR (1999) Lithium isotope geochemistry of Mono Lake, California. In: Ninth Annual V.M. Goldschmidt Conference, L.P.I. Contribution 971, p. 301, Lunar and Planetary Institute, Houston.
- Tomascak PB**, Hauri, EH, and Lassiter JC (1999) Lithium isotope constraints on Hawaiian plume components. EOS 80, S354.
- Tomascak PB**, Ryan JG, and Defant, MJ (1999) MORB-like lithium isotope ratios in adakite lavas from Panama. EOS 80, S349. \*invited\*
- Tomascak PB** (1998) The origin of the Sebago batholith, Maine: An integrated field, elemental and isotopic study. Northeast Section Geological Society of America Abstracts with Programs 30 (1), A80. \*invited\*
- Tomascak PB** and Helz RT (1998) Lithium isotope compositions measured by multi-collector ICP-MS and the question of light isotope fractionation at high temperatures. Mineralogical Magazine (Eighth V.M. Goldschmidt Conference Abstracts) 62A, 1523-1524.
- Tomascak PB** and Banner JL (1998) Lithium isotope hydrogeochemistry: A multi-collector ICP-MS study. Geochemical Perspectives on Environmental Processes: New Theoretical and Analytical Approaches to Sources, Transport, and Bioavailability of Trace Elements, St. Louis, Conf. Proceedings.
- Tomascak PB** and Tera F (1998) Lithium isotope compositions of Kurile arc lavas. EOS 79 (45), F969-F970.
- Tomascak PB** and Tera F (1997) An analytical method for precise lithium isotope determinations, with applications to basaltic rocks. EOS 78 (46), F737.
- Tomascak PB** and Solar GS (1996) Norumbega Fault Zone, Maine: A wide ductile shear zone? Northeast Section Geological Society of America Abstracts with Programs 28, 105. \*invited\*
- Tomascak PB** (1996) Nd isotope constraints on granitic pegmatite sources in Maine. Geological Association of Canada-Mineralogical Association of Canada Abstracts with Programs 21, A-97.
- Tomascak PB** (1996) The use of Nd isotopes to evaluate granitic pegmatite petrogenesis. Geological Society of America Abstracts with Programs 28 (7), A-162.
- Tomascak PB**, Krogstad EJ, Prestegard KL, and Walker RJ (1995) Li isotope variability in groundwaters from eastern Maryland. EOS 76, S122.

- Tomascak PB** and Francis CA (1995) Geochemistry and petrology of Permian pegmatites and granite in the Topsham-Brunswick area. In: Hussey II AM and Johnston RA (eds) New England Intercollegiate Geological Conference Field Trip Guidebook, 279-288.
- Tomascak PB**, Krogstad EJ, and Walker RJ (1995) Geochemistry and geochronology of evolved granitic rocks in southwestern Maine: Tectonic implications. In: Brown M, Piccoli PM (eds) The Origin of Granites and Related Rocks. U.S. Geological Survey Circular 1129, 150-151.
- Tomascak PB**, Lynton SJ, Walker RJ, and Krogstad EJ (1995) Li isotope geochemistry of the Tin Mountain pegmatite, Black Hills, South Dakota. In: Brown M, Piccoli PM (eds) The Origin of Granites and Related Rocks. U.S. Geological Survey Circular 1129, 151-152.
- Tomascak PB**, Lynton SJ, Krogstad EJ, and Walker RJ (1995) Li isotopes: A new tool for investigating pegmatite petrogenesis. Geological Society of America Abstracts with Programs 27, A411.
- Tomascak PB**, Walker RJ, and Krogstad EJ (1995) Petrogenesis of the last Paleozoic granites, Maine. Geological Society of America Abstracts with Programs 27, A468.
- Tomascak PB**, Krogstad EJ, Prestegard KL, and Walker RJ (1995) Li isotope geochemistry of storm water from Maryland. EOS 76, F207-F207.
- Tomascak PB**, Walker RJ, and Krogstad EJ (1994) Nd and Pb isotopic characteristics of the Sebago batholith, southwestern Maine. Geological Society of America Abstracts with Programs 26, A222.
- Tomascak PB**, Krogstad EJ, and Walker RJ (1994) Crustal evolution in the northern Appalachians: interpretations from Pb isotopes in evolved granitic rocks in southwestern Maine. EOS 75, 701.
- Tomascak PB**, Walker RJ, and Krogstad EJ (1993) Petrogenesis of pegmatites and granites in southwestern Maine. Northeast Section Geological Society of America Abstracts with Programs 25, 84-85.
- Tomascak PB**, Walker RJ, and Krogstad EJ (1993) Pb and Nd constraints on the origin of granites and pegmatites in southwestern Maine. EOS 74, 335.
- Tomascak PB**, Krogstad EJ, and Walker RJ (1993) Geochronological constraints on the petrogenesis of granitic pegmatites, Topsham, Maine. Geological Society of America Abstracts with Programs 25, A35.
- Tomascak PB** and Cerný P (1992) Mineralogy and geochemistry of phosphorus in the Aylmer Lake pegmatite field, N.W.T. Geological Association of Canada-Mineralogical Association of Canada Abstracts with Programs 17, 110.
- Tomascak PB**, Krogstad EJ, and Walker RJ (1992) Pb isotopic constraints on the origin of granitic pegmatites in southwestern Maine. Geological Association of Canada-Mineralogical Association of Canada Abstracts with Programs 17, 110.

#### **XI b. Presentations/Exhibits/Performances (institutional seminars)**

- Syracuse University, Dept. of Earth Sciences, "Lithium isotopes: From the dark ages to bright future as geochemical tracers" (spring 07)
- SUNY-Oswego, Quest (w/ TM Morey and J Nichols, SUNY-Oswego), "A Summary of the Learning-Centered College Interview Project" (spring 06)
- SUNY College at Buffalo, Dept. of Earth Sciences & Science Education, "Geochemistry on the edge -- the Mooselookmeguntic igneous complex (Maine) and the construction of Appalachian crust" (spring 05)
- SUNY-Oswego, Quest, "Granitic pegmatites -- searching for the origins of the largest crystals on Earth" (spring 05)
- SUNY-Oswego, Science Today seminar series, "Lithium from an Earth science perspective" (fall 04)
- Univ. Rochester, Dept. of Earth & Environmental Sciences, "Lithium isotopes as tracers of mantle processes" (fall 04)
- SUNY College at Buffalo, Dept. of Earth Sciences & Science Education, "The geochemistry of weathering: lithium isotopes in saprolites" (spring 04)
- SUNY College at Buffalo, Dept. of Earth Sciences & Science Education, "The lithium isotopic composition of the Earth" (spring 03)
- SUNY College at Buffalo Dept. of Earth Sciences & Science Education, "Exploring crust-mantle cycling using lithium isotopes in rocks from convergent margins" (spring 02)
- Queens College of CUNY, "Granites and tectonics: The need for integrated structural-petrological-geochemical approaches" (fall 02)

Johns Hopkins Univ., Dept. of Earth & Planetary Sciences, "Lithium isotopes and closed lakes of the U.S. Great Basin" (spring 01)

Towson Univ., Dept. of Physics, Astronomy & Geosciences, "Lithium isotopes and closed lakes of the U.S. Great Basin" (spring 01)

Univ. South Carolina Dept. of Geological Sciences, "Crust-mantle cycling and the fate of lithium at convergent margins" (spring 01)

Univ. Texas Dallas, Dept. of Geosciences, "Applications of lithium isotopes in geology and cosmochemistry" (fall 99)

Miami University (Ohio), Dept. of Geology, "Crust-mantle cycling and the fate of lithium at convergent margins" (fall 99)

Washington Univ. (Missouri), Dept. of Earth & Planetary Sciences, "Crust-mantle cycling and the fate of lithium at convergent margins" (fall 99)

Universitaet Munster (Germany), "Applications of lithium isotopes to problems in magmatic arcs" (spring, 99)

Vrije Universiteit Amsterdam (Netherlands), "Applications of lithium isotopes to problems in magmatic arcs" (spring, 99)

Royal Holloway Univ. London, "Applications of lithium isotopes to problems in magmatic arcs" (spring, 99)

SUNY - Stony Brook Dept. of Geosciences, "Crust-mantle cycling and the fate of lithium at convergent margins" (spring 99)

Geol. Society of Washington, invited seminar, "Mono Lake, California, from a lithium perspective" (spring, 99)