

Curriculum Vitae

Joanne K. Itami, Ph.D.

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EDUCATION

- B.S. 1978 Biology/Human Ecology Double Major, College of Idaho, Caldwell, Idaho,
Biology Senior Thesis: Baggies Technique Of Culturing Chick Embryos
Human Ecology Senior Thesis: Aesthetics as a Principle of Human Ecology
- M.S. 1982 Biology, Northern Arizona University, Flagstaff, Arizona,
Thesis: Agonistic and Territorial Behavior of the Vinegaroon,
Mastigoproctus giganteus (Arachnida: Uropygida).
Advisor: C.N. Slobodchikoff
- Ph.D. 1988 Zoology, Northern Arizona University, Flagstaff, Arizona.
Dissertation: Life History and Ecology of the Juniper Twig Pruner,
Styloxus bicolor, (Coleoptera: Cerambycidae).
Advisor: Peter W. Price
- 1981 Fern Mountain Field Ecology School, Museum of Northern Arizona
University and Northern Arizona University. Five week course on field ecological
research techniques. Instructor: T.G. Whitham
- 1996 Six month training in molecular techniques for population biology, Supervisor: Dr.
D. J. Howard, Department of Biology, New Mexico State University.
- 1998 Workshop: Techniques in Molecular Biology, Oregon State University, Corvallis, OR.
Laboratory course in recombinant DNA techniques. Instructors: I. Rajagopal and M.
Howell

RESEARCH INTERESTS:

Evolutionary Ecology; Animal-Plant Interactions; Animal Behavior; Population Biology

TEACHING AND ADVISING EXPERIENCE:

Academic Advisor:

- 2007-2013 College of Science & Engineering, UNIVERSITY OF MINNESOTA DULUTH
2004-2007 Biology Department, UNIVERSITY OF MINNESOTA DULUTH

Lecturer:

- 2013-present Assistant Professor, instructor, full-time
BIOL1011/1013 General Biology I (5 cr lecture, lab, discussion)
BIOL 3701 Animal Diversity (4 cr lecture and lab)
BIOL 3987 Communications in Biology (2 cr lecture and seminar)
- 2003-07 Assistant Professor, non-regular, part-time
BIOL1087 Freshman Seminar: Darwinian Medicine (3 cr. lecture class)
BIOL4801 Evolution (2 cr. lecture class)
BIOL1001 Biology and Society (3 unit lab and lecture class, 2nd half of course)
- 1990-2000 Department of Life Sciences ARIZONA STATE UNIVERSITY WEST
BIO 300 Natural History of Arizona (3 unit lecture class)

- BIO 310 Starch Gel Electrophoretic Techniques (1-3 unit laboratory class)
 BIO 330 Ecology and Conservation (3 unit lecture class)
 LSC 360 Biology of Human Experience (3 unit lecture class)
 LSC 394 Introduction to Molecular Techniques (3 unit laboratory class)
 LSC 435 Global Models (1 unit computer laboratory)

1989-90 Biology Department, BUCKNELL UNIVERSITY (Lecturer)
 BIO 341 Organic Evolution (3 cr. lecture class)

Graduate Teaching Assistant

1981-85 NORTHERN ARIZONA UNIVERSITY
 BIO 101 Perspectives of Life (1 cr. Laboratory)
 BIO 101 Perspectives of Life (3 cr, guest lectured for 2 weeks)
 BIO 103 Zoology (4 cr, laboratory assistant and guest lectured for 2 weeks)
 BIO 266 Animal Behavior (3 cr, Lecture assistant)

RESEARCH EXPERIENCE:

- 2000-2013 Research Associate, Department of Biology, University of Minnesota Duluth.
 2002-2007 Adjunct Assistant Professor, Department of Biology, University of Minnesota Duluth, Duluth, MN
 1991-2000 Affiliated Assistant Professor of Zoology, Arizona State University, Tempe, AZ
 1990-2000 Assistant Research Professor of Zoology, Associate Research Scientist, Arizona State University West, Phoenix, AZ
 1989-1990 David Burpee Post-doctoral Fellow, Department of Biology, Bucknell University, Lewisburg, Pennsylvania. Research with Dr. Warren G. Abrahamson on the evolutionary ecology of *Eurosta solidaginis* on *Solidago* spp.
 1988 Biological Technician, G.S.-5, Rocky Mountain Forest and Range Experimental Station, Flagstaff, Arizona. Research on the Nutritional niche of the western spruce budworm, supervised by Dr. Karen M. Clancy, Forest Entomologist.
 1982-87 Research Assistant, Department of Biological Sciences, Northern Arizona University, Flagstaff, Arizona. Research on Stephen's woodrat selective herbivory on one-seed juniper, supervised by Dr. Terry A. Vaughan.
 1978 Range aid, G.S.-3, Boise National Forest, Emmett, Idaho. Assisted in range management program.
 1977 Biological Technician, University of Idaho, USDA Research Center, Parma, Idaho. Research on developing hybrid onion pollen culturing procedures for pollination enhancement studies.
 1977 Regional Studies Summer Internship, College of Idaho, Compilation of the Human Ecology manuscripts and lectures by Dr. Lyle Stanford and preparation of a audio/visual slide show for recruitment to the interdisciplinary Human Ecology Program.

GRANTS/RESEARCH SUPPORT

GRANT APPLICATIONS - UNIVERSITY OF MINNESOTA DULUTH

- 2015 UMD VCAA Inquiry Based Laboratories for General Biology I, S.L. Stevenson, C.M. Belk, J.K. Itami \$2000.
 2013 UMD Chancellor Small Grant \$1500, and Department of Biology matching funds \$1500, to fund preliminary work on the microbiome in the *Eurosta* gall community. J.K. Itami, J.M. Welch.

- 2012-2013 REU: Supplement to "Measuring local adaptation to test the geographic mosaic of coevolution theory in a three-trophic level interaction, a plant, a galler and a parasitoid." National Science Foundation, T.P. Craig, P.I., J.K. Itami, Co-P.I., \$15,000.
- 2011-2012 REU: Supplement to "Measuring local adaptation to test the geographic mosaic of coevolution theory in a three-trophic level interaction, a plant, a galler and a parasitoid." National Science Foundation, T.P. Craig, P.I., J.K. Itami, Co-P.I., \$7,500.
- 2010-2014 RUI: Measuring local adaptation to test the geographic mosaic of coevolution theory in a three-trophic level interaction, a plant, a galler and a parasitoid. National Science Foundation, T.P. Craig, P.I., J.K. Itami, Co-P.I., \$398,931.

GRANTS AWARDED AT OTHER INSTITUTIONS

- 1995 Arizona Game and Fish department, Division of Research, Genetic variation in rosy boas: an allozyme analysis. G.W. Schuett, P.I., J.K. Itami, co-P.I. \$15,000.
- 1993-95 National Science Foundation Supplement Grant BSR-9111433, T.P. Craig, P.I., J.K. Itami Co-P.I., \$41,768.
- 1993-95 National Science Foundation, Research Experience for Undergraduates, supplement to Grant BSR-9111433, T.P. Craig, P.I., J.K. Itami Co-P.I., \$5,000.
- 1991-95 National Science Foundation, BSR-9111433, "Ecological and behavioral factors affecting genetic differences and gene flow in host-associated populations." T.P. Craig, P.I., J.K. Itami, Co-P.I., \$147,000.
- 1984 Sigma Xi, The Scientific Research Society, "Abscission as a defense against a coleopteran insect on one-seed juniper in Northern Arizona." J.K. Itami, P.I. \$380.

PUBLICATIONS

REFEREED JOURNAL ARTICLES

- Sakata, Y., T. Craig, J. Itami, M. Yamasaki, and T. Ohgushi. 2017. Parallel environmental factors drive variation in insect density and plant resistance in the native and invaded ranges. *ECOLOGY* 99: 2873-2884. <https://doi.org/10.1890/13-1455.1>
- Helmberger, MS, T. P. Craig, and J. K. Itami 2016. Effects of drought stress on oviposition preference and offspring performance of the lace bug *Corythucha marmorata* on its goldenrod host, *Solidago altissima*. *ENTOMOLOGIA EXPERIMENTALIS ET APPLICATA* 160: 1-10. <https://doi.org/10.1111/eea.12449>
- Sakata, Y., J. Itami, Y. Isagi, T Ohgushi. 2015. Multiple and mass introductions from limited origins: genetic diversity and structure of *Solidago altissima* in the native and invaded range. *JOURNAL OF PLANT RESEARCH* 28:909-921. <https://doi.org/10.1007/s10265-015-0753-4>
- Craig, T. P., J. K. Itami, M. D. Dixon, and T. R. Hams. 2012. Indirect evolutionary interactions in a multitrophic interaction. *Ecology and Evolution of Trait-mediated Indirect Interactions: Linking Evolution, Community, and Ecosystem.* in T. Ohgushi, O. Schmitz, and R. D. Holt eds. Cambridge University Press.
- Craig, T. P., T. Ohgushi, J. K. Itami, Y. Ando, and S. Utsumi. 2011. Bridges and barriers to herbivory resulting from host plant genotypic variation. *JOURNAL OF PLANT INTERACTIONS* 6:141-146. <https://doi.org/10.1080/17429145.2010.545148>
- Ando, Y. S. Utsumi, T. P. Craig, J. K. Itami and T. Ohgushi. 2011. How are arthropod communities organized on an introduced plant *Solidago altissima*? *JOURNAL OF PLANT INTERACTIONS* 6:169-171. <https://doi.org/10.1080/17429145.2010.542254>
- Craig, T. P. and J. K. Itami. 2011. Divergence of *Eurosta solidaginis* in response to host plant variation and natural enemies. *EVOLUTION*: 64:802-817. <https://doi.org/10.1111/j.1558-5646.2010.01167.x>
- Dixon M. D. T. P Craig, and J. K. Itami. 2009. The geographic mosaic of co-evolution and the natural enemies of *Eurosta solidaginis*. *Evolutionary Ecology Research* 11:871-887. <http://www.evolutionary-ecology.com/abstracts/v11/2373.html>

- Horner, J. D. T. P. Craig, and J. K. Itami. 2008. The effects of host race, gender, and host-plant dispersion on alighting behavior, mating, and oviposition in *Eurosta solidaginis*. ENTOMOLOGIA EXPERIMENTATA ET APPLICATA 128:274-282. <https://doi.org/10.1111/j.1570-7458.2008.00728.x>
- Craig, T. P. and J. K. Itami. 2008. The resource constraints hypothesis and the evolution of preference and performance relationships. Pages 20-39 in K. Tilmon ed. The evolution of plant-insect interactions. University of California Press, Berkley, CA. <http://www.jstor.org/stable/10.1525/j.ctt1pnc3k>
- Craig, T.P., J.K. Itami, and J.V. Craig. 2007. Host plant genotype influences survival of hybrids between *Eurosta solidaginis* host races. EVOLUTION 61:1137-1152. <https://doi.org/10.1111/j.1558-5646.2007.00209.x>
- Craig, T.P., J.K. Itami and J D. Horner. 2007. Geographic variation in the evolution and coevolution of a tritrophic interaction. EVOLUTION 61:1137-1152. <https://doi.org/10.1111/j.1558-5646.2007.00099.x>
- Craig, T. P., J. D. Horner and J. K. Itami. 2001. Genetics, experience and host plant preference in *Eurosta solidaginis*: implications for host shifts and speciation. EVOLUTION 55:773-782. [https://doi.org/10.1554/0014-3820\(2001\)055\[0773:GEAHPPI\]2.0.CO;2](https://doi.org/10.1554/0014-3820(2001)055[0773:GEAHPPI]2.0.CO;2)
- Craig, T.P., J.K. Itami, C. Schantz, W.G. Abrahamson, J.D. Horner, and J.V. Craig. 1999. The influence of host plant variation and intraspecific competition on oviposition preference in the host races of *Eurosta solidaginis*. ECOLOGICAL ENTOMOLOGY. 25:1-12. <https://doi.org/10.1046/j.1365-2311.2000.00226.x>
- Horner, J.D., T.P. Craig and J.K. Itami. 1999. The influence of oviposition phenology on survival in the host races of *Eurosta solidaginis*. ENTOMOLOGIA EXPERIMENTATA ET APPLICATA: 93:121-129. <https://doi.org/10.1046/j.1570-7458.1999.00570.x>
- Craig, T.P., J.K. Itami, W.G. Abrahamson, and J.D. Horner. 1999. Oviposition preference and offspring performance of *Eurosta solidaginis* on genotypes of *Solidago altissima*. OIKOS 86:119-126. DOI: 10.2307/3546576 <http://www.jstor.org/stable/3546576>
- Itami, J.K. and T.P. Craig. 1998. Factors effecting gene flow between the host races of *Eurosta solidaginis*. Pages 375-407 In: Local Genetic Structure In Natural Insect Populations: Effects of Host Plant And Life History. Susan Mopper and Sharon Strauss, Editors. Chapman and Hall, New York, New York. <https://www.springer.com/us/book/9781475709049>
- Craig, T.P., J.K. Itami and J.D. Horner. 1997. Hybridization studies on the host races of *Eurosta solidaginis*: Implications for sympatric speciation. EVOLUTION 51:1552-1560. DOI: 10.2307/2411207 <http://www.jstor.org/stable/2411207>
- Stein, S., P.W. Price, T.P. Craig and J.K. Itami. 1994. Importance of dispersal in the population dynamics of a shoot-galling sawfly. J. ANIMAL ECOLOGY 63:666-676. DOI: 10.2307/5232 <http://www.jstor.org/stable/5232>
- Craig, T.P., J.K. Itami, J.D. Horner and W.G. Abrahamson. 1994. Host shifts and speciation in gall-forming insects. Pages 194-207 In The ecology and evolution of gall-forming insects. P.W. Price, W. Mattson, and Y. Baranchikov, editors. USDA Forest Service, North Central Experiment Station. General Technical Report NC-174.
- Abrahamson, W.G., J.M. Brown, S.K. Roth, D.V. Summerford, J.D. Horner, M.D. Hess, S.T. How, T.P. Craig, R. A. Packer and J.K. Itami. 1994. Gallmaker speciation: an assessment of the roles of host-plant characters and phenology, gallmaker competition, and natural enemies. Pages 208-222 In The ecology and evolution of gall-forming insects. P.W. Price, W. Mattson and Y. Baranchikov, editors. USDA Forest Service, North Central Experiment Station. General Technical Report NC-174.
- Craig, T.P., J.K. Itami, W.G. Abrahamson and J.D. Horner 1993. Behavioral evidence of host race formation in *Eurosta solidaginis*. EVOLUTION 47:1696-1710. DOI: 10.2307/2410214 <http://www.jstor.org/stable/2410214>
- Clancy, K.M., J.K. Itami, D.P. Huebner. 1993 Douglas-fir Nutrients and Terpenes: Potential resistance factors to western spruce budworm defoliation. FOREST SCIENCE 39:78-94.
- Craig, T.P., P.W. Price and J.K. Itami. 1992. Facultative sex ratio shifts in response to host plant quality in an herbivorous insect. OECOLOGIA 92:153-161. <https://link.springer.com/article/10.1007/BF00317357>
- Craig, T.P., L. Araújo, J.K. Itami, G.W. Fernandes. 1991. Development of the community centered on a leaf-bud gall on *Xylopiia aromatica*. REVISTA BRASILEIRA DE ENTOMOLOGIE 35:311-317.

- Craig, T.P., J.K. Itami and P.W. Price. 1990. The window of vulnerability for a shoot-galling sawfly to attack by a parasitoid. *ECOLOGY* 71:1471-1482. <https://doi.org/10.2307/1938284>
- Craig, T.P., J.K. Itami and P.W. Price. 1990. Intraspecific competition and facilitation by a shoot-galling sawfly. *JOURNAL OF ANIMAL ECOLOGY* 59:147-159. DOI: 10.2307/5164 <http://www.jstor.org/stable/5164>
- Price, P.W., N. Cobb, T.P. Craig, G.W. Fernandes, J.K. Itami, S. Mopper and R.W. Preszler. 1990. Insect herbivore population dynamics on trees and shrubs: new approaches relevant to latent and eruptive species and life table development. *In: Focus on Insect-Plant Interactions*. Volume 2, chapter 1 in press, Elizabeth Bernays, editor. CRC Press, Boca Raton, Florida
- Itami, J.K., and T.P. Craig. 1989. Life history of *Styloxus bicolor* (Coleoptera: Cerambycidae) on *Juniperus monosperma* in Northern Arizona. *ANNALS OF THE ENTOMOLOGICAL SOCIETY OF AMERICA* 82: 582-587. <https://doi.org/10.1093/aesa/82.5>.
- Craig, T.P., J.K. Itami and P.W. Price. 1989. A strong relationship between oviposition preference and larval performance in a shoot-galling sawfly. *ECOLOGY* 70:1691-1699. . <https://doi.org/10.2307/1938103>
- Craig, T.P., J.K. Itami and P.W. Price. 1988. Plant wound compounds from oviposition scars used in oviposition discrimination by a stem-galling sawfly. *JOURNAL OF INSECT BEHAVIOR* 1:343-356.
- Sacchi, C.F., P.W. Price, T.P. Craig and J.K. Itami. 1988. Impact of shoot galler attack on sexual reproduction in the arroyo willow. *ECOLOGY* 69:2021-2030. <https://doi.org/10.2307/1941180>
- Craig, T.P., P.W. Price and J.K. Itami. 1986. Resource regulation by a stem-galling sawfly, on the arroyo willow. *ECOLOGY* 67:419-425. DOI: 10.2307/1938585; <http://www.jstor.org/stable/1938585>

INVITED SYMPOSIA AND SEMINARS:

- 2012 Japanese Society for the Promotion of Science Core-to-Core Program October 15-16, Max Planck Institute for Chemical Ecology, Jena, Germany T. P. Craig, J. K. Itami, T. Ohgushi.
- 2011 Symposium Japanese Society for the Promotion of Science Core-to-Core Program September 9-10, 2011, University of Neuchâtel, Switzerland. J. K. Itami and T.P. Craig.
- 2011 Symposium Japanese Society for the Promotion of Science Core-to-Core Program September 9-10, 2011, University of Neuchâtel, Switzerland. T.P. Craig and J.K. Itami.
- 2011 Symposium Bucknell University, Lewisburg, PA. June 13-14, 2011 T. P. Craig, J. K. Itami
- 2010 Seventh International Congress of Dipterology, San Jose, Costa Rica. J.K. Itami and T.P. Craig
- 1999 Center for Insect Science, University of Arizona, Fall Hexapodium at Tempe, AZ JK Itami and T.P. Craig
- 1999 Department of Life Sciences, Arizona State University West, Phoenix, AZ T.P. Craig and J.K. Itami
- 1994 Cedar Creek Natural History Area, University of Minnesota, Bethel, MN J.K. Itami and T.P. Craig
- 1991 Department of Zoology, Arizona State University, Tempe, Arizona J.K. Itami
- 1989 Division of Biology, Kansas State University, Manhattan, Kansas T.P. Craig and J.K. Itami
- 1989 Department of Biology, Bucknell University, Lewisburg, Pennsylvania J.K. Itami
- 1988 Departamento de Biologia Geral, U.F.M.G., Belo Horizonte, Brazil T.P. Craig and J.K. Itami

PAPERS PRESENTED AT NATIONAL MEETINGS:

- 2016 Genetic and morphological differentiation among host races of *Eurosta solidaginis*. B.M. Zsigray, A.J. Livingston-Anderson, J. Korstian, T.P. Craig, JK. Itami D.A. Williams and J.D. Horner. Society for the Study of Evolution Annual Meeting. Austin, TX
- 2012 "Experimental measurement of the geographic mosaic of coevolution in the interaction of *Solidago altissima*, *Eurosta solidaginis*, and *Eurytoma gigantea*." T. P. Craig and J. K. Itami. The First Joint Congress on Evolutionary Biology, Ottawa, Canada July 6-10.

- 2011 "A tritrophic mosaic of coevolution and local adaptation in *Eurosta solidaginis*." T. P. Craig and J. K. Itami. 2011 North Central Branch of the Entomological Society of America Annual Meeting, Minneapolis Minnesota March 13-16.
- 2011 "Geographical variation in selection on gall morphology in *Eurosta solidaginis*" (Diptera: Tephritidae). M. Noll, W. Licht, E. Kalkbrenner, N. Zarnsdorf, A. Lindsberg-Livingston, J. K. Itami and T. P. Craig. 2011 North Central Branch of the Entomological Society of America Annual Meeting, Minneapolis Minnesota March 13-16.
- 2011 "Geographical variation of *Mordellistena convicta* (Coleoptera:) an inquiline of *Eurosta solidaginis* (Diptera: Tephritidae) and its natural enemies." W. Licht, M. Noll, E. Kalkbrenner, N. Zarnsdorf A. Lindsberg-Livingston, J. K Itami and T. P. Craig. 2011 North Central Branch of the Entomological Society of America Annual Meeting, Minneapolis Minnesota March 13-16.
- 2008 "Testing the parapatric speciation hypothesis in *Eurosta solidaginis*" Society for the Study of Evolution, Minneapolis Minnesota. T. P. Craig and J. K. Itami.
- 2008 Clinal variation of *Eurosta solidaginis*. J. K. Itami and T. P. Craig. Society for the Study of Evolution, Minneapolis Minnesota"
- 2007 "Geographic variation in the evolution and coevolution of a tritrophic interaction." Horner, J. D., Craig, T. P., and J. K. Itami Presented at the joint annual international meetings of the Society for the Study of Evolution, the American Society of Naturalists, and the Society for Systematic Biology, Christchurch, New Zealand.
- 2006 "The effects of experimental manipulation of host-plant distribution on mating between host races of *Eurosta solidaginis*. Horner, J. D., J. K. Itami, and T. P. Craig. Joint national meeting of the Society for the Study of Evolution (SSE), the American Society of Naturalists (ASN), and the Society for Systematic Biology (SSB), State University of New York at Stony Brook.
- 2006 "Can host-plant presence and dispersion affect gene flow between host races?" J. D. Horner, J. K. Itami, and T. P. Craig. 2006. Symposium on the Genetics of Speciation, organized jointly by the American Genetics Association and Molecular Ecology, the University of British Columbia, Vancouver.
- 2003 "Geographic variation in the evolution and coevolution of a tritrophic interaction" T. P. Craig and J.K. Itami. Society for the Study of Evolution, Champaign Illinois.
- 2002 "Host race formation in populations of *Eurosta solidaginis* on *Solidago altissima*." T. P. Craig, J. K. Itami, and J. D. Horner. Ecological Society of America annual Meeting, Tucson, AZ.
- 1996 "Host race formation in *Eurosta solidaginis*." T. P. Craig, J. K. Itami and J. D. Horner. Endless forms: Species and speciation, a symposium in honor of Guy Bush, Asilomar, CA.
- 1995 "Are there host races of *Eurosta solidaginis*?" T. P. Craig, J. K. Itami, J. D. Horner. Southwest Association of Biologist annual meeting, Portal, AZ.
- 1995 "Host Plant Preference of Two Host Races of *Eurosta solidaginis* and their hybrids." T.P. Craig, K.E. Cazares, J.K. Itami, and J.D. Horner. Poster presentation Ecological Society Annual meeting, Snowbird, UT.
- 1994 "Host plant preference of two host races of *Eurosta solidaginis*." T.P. Craig, K.E. Cazares, J.K. Itami, and J.D. Horner. Southwest Association of Biologist Annual Meeting, Ghost Ranch, NM.
- 1994 "Pre- and post-zygotic barriers to gene flow between host races of *Eurosta solidaginis* (Diptera: Tephritidae)." T.P. Craig, J.K. Itami, J.D. Horner. Ecological Society of America Annual Meeting, Knoxville, TN.
- 1992 "Impact of variation in host-plant genotype and phenotype on a tritrophic-level interaction." T.P. Craig, J.K. Itami, and B.J. Barton. Ecological Society of America Annual Meeting, Honolulu, HI.
- 1991 "Assortative mating and sympatric speciation in a gallmaking fly." T.P. Craig, J.K. Itami. Southwest Association of Biologist Annual Meeting, Prescott, AZ.
- 1990 "Oviposition choice behavior in the goldenrod ball gallmaker." J. Itami and T. Craig. Ecological Society of America Annual Meeting, Snowbird, UT.
- 1990 "Behavioral Evidence for host race formation in *Eurosta solidaginis* (Diptera: Tephritidae)." T.P. Craig, J.K. Itami. Ecological Society of America Annual Meeting, Snowbird, UT.

- 1988 "Hierarchical attack of resources by a shoot-galling sawfly." T.P. Craig, J.K. Itami. Ecological Society of America Annual Meeting, Davis, CA.
- 1988 "Effects of branch architecture on the Juniper twig pruner's population dynamics". J. Itami and T. Craig. Ecological Society of America annual meeting, Davis, CA.
- 1988 "Effects of branch architecture on the Juniper twig pruner's success." J. Itami and T. Craig. International Congress of Entomology, Vancouver, B.C., Canada.
- 1986 "Life history strategies of *Styloxus bicolor* (Coleoptera: Cerambycidae)." J. Itami and T. Craig. Entomological Society of America annual meeting Reno, NV.
- 1986 "Plant wound compounds used as oviposition deterrents by a stem-galling sawfly." T. Craig and J.K. Itami Entomological Society of America annual meeting Reno, NV.
- 1983 "Agonistic behavior of the Vinegaroon." J.K. Itami. Guild of Rocky Mountain Population Biologists Annual Meetings. Gothic, CO.
- 1980 "Agonistic Behavior of the Vinegaroon a Test of Game Theory." J.K. Itami and C.N. Slobodchikoff. Annual Meeting of the Animal Behavior Society. Fort Collins, CO.

PROFESSIONAL SOCIETIES:

Ecological Society of America
 Entomological Society of America
 Sigma Xi, The Scientific Research Society
 Society for the Study of Evolution

SERVICE:

UNIVERSITY OF MINNESOTA DULUTH 2007 TO PRESENT

- 2018- Liberal Education Committee, SCSE representative
- 2017- Student Conduct Appeals Committee, UMD
- 2007-15 Director of Undergraduate Studies, Department of Biology
- 2015 Search Committee-Instructor, Department of Biology
- 2007-15 Search Committee – single semester contract Instructors, Department of Biology
- 2015 Chair Curriculum Committee, Department of Biology
- 2015 Chair Petition Committee, Department of Biology
- 2013-15 Curriculum Committee, Department of Biology
- 2013-15 Petition Committee, Department of Biology
- 2009-13 Commission on Women, UMD
- 2007-13 Professional Academic Advisors Committee, UMD

UNIVERSITY (ASU WEST) (1989 – 2000)

Search Committee-Coordinator of Life Sciences
 Search Committee-Biometry Faculty
 Search Committee-Ecological or Evolutionary Genetics Faculty
 Life Sciences Curriculum and Program Development
 Life Sciences Laboratory Design and Setup

PROFESSIONAL 1990-

Panel Member Doctoral Dissertation Grants, National Science Foundation Division of Population Biology

English Editor, Researches on Population Ecology

Reviewer for Ecological Entomology manuscripts

Reviewer for Ecology manuscripts

Reviewer for Environmental Entomology manuscripts