

CURRICULUM VITAE

DANIEL D. BECK, Professor

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EDUCATION

B.S. 1981 Biology, Chemistry minor, Utah State University, Logan
M.S. 1986 Biology/Ecology, Utah State University, Logan
PhD 1991 Ecology and Evolutionary Biology, Physiology minor, University of Arizona

TEACHING EXPERIENCE

Central Washington University, Department of Biological Sciences:

Professor – June 2004 to present
Associate Professor – September 2000 to June 2004
Assistant Professor – August 1996 to August 2000
Adjunct Professor – August 1994 to August 1996

Teaching interests include general biology, physiology, ecology, and field biology. A special interest is to bridge the gap between the classroom and field by offering hands-on field courses and research opportunities for students in such inspirational places as the Pacific Northwest, the Sonoran Desert, and the tropical dry forests of Mexico.

Courses taught:

- BIOL 101 - Fundamentals of Biology– Five credit general biology course (with lab) for non-majors.
- BIOL 110, BIOL 181- Basic Biology (Ecology, Genetics, Evolution) - Lecture and Lab for majors - 5 credits
- BIOL 213 - Introductory Biostatistics – Lecture and Lab for Biology majors – 4 credits.
- BIOL 360 - General Ecology- Lecture and Laboratory/Field course - 5 credits
- BIOL 302 - Human Ecology – Five-credit, non-majors course on ecology of humans, our connections and impacts on ecological systems
- BIOL 362 - Biomes of the Pacific Northwest, -- Hands-on introduction to shrub-steppe, forest, and alpine biomes of the Pacific Northwest, taught entirely in the field during 8-day fieldtrip (4 credits).
- BIOL\GEOL 377 - Regional Natural History Series – 5 Credit lecture and field research experience for undergraduate and graduate students. Areas visited = Great Basin, Mojave and Sonoran deserts of Utah, Nevada, Arizona and Baja California, Mexico; Tropical Dry Forest of Sonora and Jalisco, Mexico.
- BIOL 451- Herpetology - Lecture and lab/field course on the biology of reptiles and amphibians - 4 credits
- BIOL 455 – Zoophysiology – Comparative animal physiology (with lab) for biology majors (5 credits).
- BIOL 580/501 - Graduate Research Methods (4 credits).
- BIOL 467- Biological Techniques - Intensive intro to techniques and issues in field biology (5 credits).
- BIOL 499 and 589 – Senior Seminar and Graduate Seminar (1 credit each)
- Several special topic and independent study courses

University of Arizona, Graduate Teaching Associate, 1985-1991

Pima Community College, Substitute Lecturer, 1989

Utah State University, Graduate Teaching Assistant, 1982-1985

GRADUATE STUDENTS MENTORED

As major professor/thesis advisor:

- 1) Amanda Stegen – , Fall 1996- Fall 2000 Thesis topic = Nest-site characteristics of Red-naped sapsuckers (*Sphyrapicus nuchalis*) in Central Washington
- 2) Rich Lukose, Fall 1997- Spring 1999 Thesis topic= Comparative ecology of *Crotalus* and *Pitheophis*,

- then switched to foraging ecology of *Thamnophis* (w Dr. Dave Darda)
- 3) Daphne Sewing – Fall 1998 to Fall 2001 Thesis topic = The effects of forest fires on northern spotted owls in Washington's Eastern Cascade Mountains
 - 4) Erik Stenehjelm, 1996 – 2002 (Co-advised with Dr. K.A. Ernest) Thesis topic -- Seasonal body temperature fluctuations in the yellow-bellied marmot (*Marmota flaviventris*)
 - 5) Heather Simmons, Fall 1999 to Fall 2002 -- Thesis topic = A field study of the northern leopard frog (*Rana pipiens*) in the potholes reservoir area, Washington
 - 6) Casey Newman, Fall 2002 to Fall 2004 -- Thesis topic = Forest thinning in Central Washington: effects on deer mice (*Peromyscus maniculatus*) and yellow pine chipmunk (*Tamias amoenus*) abundance and microhabitat use
 - 7) Megan Lahti, Fall 2003 to Fall 2005. Thesis topic = Seasonal variation of habitat use and movement by the pygmy short horned lizard (*Phrynosoma douglasi*)
 - 8) Patrick Emblidge, Fall 2006 to Spring 2010, Thesis topic = Gila monster habitat preferences and distribution in southwestern Utah
 - 9) Aja Woodrow, Fall 2006 to Fall 2012, Thesis topic = Effects of stand-replacement fire, salvage logging and succession on bird communities of the eastern Cascades, Washington
 - 10) Ray Geroso, Fall 2008 to Fall 2014 (co-advised with Dr. Bob Hickey, Geography), Thesis topic = Rattlesnake ecology in the Methow valley of Washington
 - 11) Adam Hannuksela – Fall 2009 to Fall 2011: Thesis topic = Bird communities in Pitayal forests of southern Sonora Mexico
 - 12) James Meidell – Fall 2009 to Fall 2011: Thesis topic = Ecology and Habitat Use of the Northern Alligator Lizard
 - 13) Melissa Reitz – Fall 2009 to Summer 2011: Thesis topic = Maternal and Environmental Effects on Hatchling Western Pond Turtles in Washington
 - 14) Kerry Holomb – Fall 2010 to present: Thesis topic = Temperature and Water Regulation by the Mexican Beaded Lizard: Coping with Intense Seasonality in a Tropical Deciduous Forest
 - 15) Caleb Loughran: Fall 2012 to Summer 2014: Thesis topic = Thermal Ecology of the Northern Pacific Rattlesnake in Washington
 - 16) Lewis Meyers: Winter 2014 to present Thesis topic = Seasonal Movements and Habitat Preferences of Bull Elk in the Central Washington
 - 17) Taggart Butterfield: Fall 2014 to present: Thesis topic = Tropical Dry Forest Ecology and Education in Jalisco Mexico (tentative topic)
 - 18) Samantha Tidd: Fall 2014 to present: Thesis topic = Effect of temperature on digestion in the Northern Pacific Rattlesnake (co-advised with Dr. Jason Irwin, Biology).

As thesis committee member:

James Shannon, Biology, 1995-1997
 Rob Stagg, Biology, 1995 - 1997
 Keely G. Titus, Biology, 1995- 1997
 Colin Leingang, Biology, 1995 – Fall 2001
 Scott Turner, Anthropology, 1996 -1998
 Matt Asay, Biology, 1997 - 1999
 Cory Straub, Biology, 1999 – 2001
 Julie Morgan, Natural Resource Program, 2001- 2003
 Jeff King, Biology, 2002-2004
 Danielle Munzig, Natural Resource Program, 2002 -2005
 Robert Weaver, Biology, 2003-2006
 Andrew Puls, Biology, 2005-2010
 Tyson Jerald, Biology 2008
 April Barecca, Biology, 2007- 2010
 Amber Palmeri-Miles, Biology, fall 2009 – 2012

Brandon Fessler, Biology, fall 2009 - 2012
 Jessica Dunayer, Primate Studies Program, winter 2010 – spring 2012
 Chris Gienger, PhD student University of Nevada, Reno 2001-2008
 John Davis, PhD student Arizona State University, 2003-2008
 Karla Moeller, PhD student Arizona State University 2007 – 2013
 Carlos Madrid Sotelo, MS student UNAM (Mexico), 2009-2011
 Oscar Rivera, MS student UNAM (Mexico), 2011 to present
 Jesus Olivan, MS student UNAM (Mexico) 2011 to present
 Jill Peoples, Biology, fall 2011 to spring 2013
 Sara Heelas, Biology, fall 2011 to summer 2014
 Ethan Green, Biology, fall 2012 to spring 2014
 Ashton Bunce, Biology, fall 2014 to present

RESEARCH EXPERIENCE

Interests and expertise include terrestrial ecology (deserts, dry forests), physiological ecology, habitat use, and herpetology.

Central Washington University, Department of Biological Sciences

Professor – June 2004 to present

Associate Professor – September 2000 to June 2004

Assistant Professor – August 1996 to August 2000

Adjunct Professor – August 1994 to August 1996

- Directing graduate and undergraduate research projects in terrestrial ecology
- Investigating:
 - tropical dry forest ecology at Estacion de Biologia, Chamela, Jalisco, Mexico
 - regional herpetology
 - ecology of the shrub-steppe
 - ecology and conservation biology of helodermatid lizards
 - ecology, physiology and behavior of Northern Pacific rattlesnakes in central Washington

Visiting Postdoctoral Scholar, Biology Department, University of New Mexico and Independent Biological Consultant, 1992-1994.--Grants/Contracts with New Mexico Dept. of Game and Fish.

- Population biology of desert bighorn sheep in southwestern New Mexico.
- Field investigation of behavior, habitat selection, and reproduction of the Gila monster in NM.

Biologist/Project Manager, 1991-1992, U.S. Army Corps of Engineers.--Investigations and environmental assessments of the effects of dredged and fill materials on streams, lakes, and wetlands in New Mexico. I also established guidelines for riparian restoration projects, and prepared a reference plant collection from wetland and riparian areas of NM. Work performed under Section 404 of the Clean Water Act.

Ph.D. research, 1986-1991, University of Arizona.--Physiological and behavioral consequences of reptilian life in the slow lane: ecology of beaded lizards and rattlesnakes.

- Radiotelemetry study of the Mexican beaded lizard in Jalisco, Mexico.
- Physiological investigations of metabolism in beaded lizards and rattlesnakes.
- Use of strain-gauge transducers to monitor post-feeding gut motility in reptiles
- Field experiments of energetics, thermoregulation, foraging behavior, and habitat selection of rattlesnakes.
- Field study of the Sonoran Desert Toad, *Bufo alvarius*.

Research Consultant, 1988, National Park Service.- Natural Bridges National Monument, Utah.

Master's research, 1982-1985, Utah State University.-- The Gila monster in Utah: bioenergetic and natural

history considerations. Research included:

- Population biology of Desert tortoises in southwestern Utah.
- Ecology and behavior of the Gila monster in Utah.
- Field surveys and status review of the Gila monster for Utah Div. Wildlife Resources.

MISC SKILLS

Fluent in Spanish; skilled in photography; carpenter/woodworker/cabinetmaker (professional proficiency)

PROFESSIONAL SOCIETY MEMBERSHIPS

Society for Northwestern Vertebrate Biology

Washington Native Plant Society

Ecological Society of America

Society for Ecological Restoration

Herpetologist's League

Society for the Study of Amphibians and Reptiles

Associate editor of Herpetological Review 1997-2000

Editorial Board Member, Journal of Herpetology 2000-2006

AWARDS, GRANTS, AND FELLOWSHIPS

2010-2012 – Wildlife Habitat Connectivity Along the I-90 Corridor, contract with Washington Dept. of Transportation co-PI (with Drs. K. Ernest, P. James, S Wagner) ~\$120,000/year

2007/2008 – Habitat Modeling and educational outreach as strategies to retain Gila monster populations in Utah \$15,190 awarded from Utah Endangered Species Mitigation Fund

2004 – Conservation Strategy for the Gila Monster in Utah -- \$9,400 awarded by the Utah Division of Wildlife Resources

2002 - TIAA-CREF Distinguished Faculty Award for Mentoring Undergraduate Research at CWU

1992-2000 - New Mexico Share With Wildlife Fund Grant (\$40,196) for research on *Heloderma suspectum*

1996 - Kennedy Award (for paper in Journal of Herpetology, Vol. 29)

1992-1994 - Desert Bighorn Sheep Contract (\$25,500), NM Dept. of Game and Fish

1992 - Outstanding Performance Award, U.S. Army Corps of Engineers

1991 - Kennedy Award (for top student paper in Journal of Herpetology, Vol. 24)

1990 - University of Arizona, summer graduate fellowship

1986, 1987 - American Museum of Natural History, Theodore Roosevelt Fund Award (for Beaded Lizard research in Mexico)

1983 - Utah Audubon Field Research Award

1982 - Utah Division of Wildlife Resources Volunteer Service Award

1982 - Sigma Xi, Grant-in-Aid (for Master's research)

PUBLICATIONS (CWU student coauthors in **bold**)

Loughran C. L., D.D Beck, and R.E. Weaver. 2015. Use of Communal Shedding Sites by the Northern Pacific Rattlesnake (*Crotalus oreganus oreganus*) in Central Washington. Northwestern Naturalist.

Reiserer, Randall S, Gordon W. Schuett, and Daniel D. Beck. 2013. Taxonomic reassessment and conservation status of the beaded lizard, *Heloderma horridum* (Squamata: Helodermatidae). Amphib. Reptile Conserv. 7 (1): 75-96. <http://www.redlist-arc.org/Current-Issues/Special-Mexico-Issue.html>

James, Paul W., R. Steven Wagner, Kristina A. Ernest, Daniel Beck, and Jason Irwin. 2012. Monitoring fish and low-mobility vertebrates along a major mountain highway: a snapshot before construction of I-90 wildlife crossing structures. Pages 548-561 in 2011 Proceedings of the International Conference on Ecology and Transportation. Center for Transportation and the Environment, North Carolina State University, Raleigh, USA.

- Gienger, C.M.** and D.D. Beck. 2011. Northern Pacific rattlesnakes (*Crotalus oreganus*) use thermal and structural cues to choose over-wintering hibernacula. *Canadian Journal of Zoology* 89:1084-1090.
- Rosmarino, N. and D. Beck. 2010. Petition to List the Utah Population of the Gila Monster (*Heloderma suspectum*) Under the U.S. Endangered Species Act. Petition Submitted to the U.S. Secretary of Interior, acting through the U.S. Fish and Wildlife Service.
- Lahti, M.**, D.D. Beck, and T. Cottrell. 2010. Ecology of the Pygmy Short-horned Lizard *{Phrynosoma (Tapaja) douglasii}* in Washington. *Northwestern Naturalist* 91:134-144.
- Douglas M. E., M.R. Douglas, G.W. S, D.D. Beck, and B.K. Sullivan. 2010. Conservation phylogenetics of helodermatid lizards using multiple molecular markers and a supertree approach. *Molecular Phylogenetics and Evolution* 55 (2010) 153–167.
- Beck, D.D. 2009. Alligator lizards and Gila Monsters. Family and species accounts for book entitled “Lizards of the American Southwest: A photographic field guide”. Edited by L. Jones and R. Lovich. Rio Nuevo Press, Tucson, Arizona.
- Lahti, M.** and D. Beck. 2009. The Pigmy Horned Lizard. Species account for “Lizards of the American Southwest: A photographic field guide”. Edited by L. Jones and R. Lovich. Rio Nuevo Press, Tucson, Arizona.
- Beck, D. D. 2009. Monstruos de gila y lagartos encaquirados: la revaloracion de los *Heloderma*. *Herpetofilos* 1(7):4-9. Mexico City, Mexico.
- Lahti, M.** and D.D. Beck. 2008. Ecology and ontogenetic variation of diet in the pigmy short-horned lizard (*Phrynosoma douglasii*). *American Midland Naturalist*. 159:327–339.
- Gienger, C. M.** and D. D. Beck. 2007. Heads or tails: Sexual dimorphism in helodermatid lizards. *Canadian Journal of Zoology* 85:92-98.
- McLuckie A., D. Beck, P. Miller, R. Fridell, and E. Boeke. 2007. Conservation Strategy for the Gila Monster (*Heloderma suspectum cinctum*) in Utah. Utah Division of Wildlife Resources, S.L.C., Utah. 19pgs.
- Beaman K. R., D. D. Beck, and B. M. McGurty. 2006. The Beaded lizard (*Heloderma horridum*) and Gila monster (*Heloderma suspectum*): a bibliography of the family Helodermatidae. Smithsonian Herpetological Information Service No. 136.
- Beck, D. D. 2005. Fighting the diabetes monster with a desert-dwelling monster. *St. George Magazine*, October 2005: 62-64.
- Beck, D. D. 2005. *Biology of Gila Monsters and Beaded lizards (Book)*. University of California Press, Berkeley. 240 pgs.
- Beck, D. D. 2004. Venomous Lizards of the Desert. *Natural History* 113(6): 32-37.
- Beck, D. D. 2004. Overview of the family Helodermatidae (for varanophiles). Pp 516 – 520 *In: E. R. Pianka and D. King (eds.) Varanoid Lizards of the World*. Indiana University Press.
- Beck, D. D. 2004. *Heloderma horridum and Heloderma suspectum*. Pp 521-534 *In: E. R. Pianka and D. King: Varanoid lizards of the World*. Indiana University Press.
- Beck, D.D. and R.D. Jennings. 2003. Habitat use by Gila monsters: the importance of shelters. *Herpetological Monographs* 17:112-130.
- Beck, D. D. 2003. Gila monsters and Mexican beaded lizards (Helodermatidae). Pp 353-358 *In: M. Hutchins, J. B. Murphy and N. Schlager (eds.) Grzimek’s Animal Life Encyclopedia, 2nd Edition, Vol. 7, Reptiles*. Gale Group, Farmington Hills, MI.
- Gienger, C.M.**, D.D. Beck, **N.C. Sabari** and **D.L. Stumbaugh**. 2002. Dry season habitat use by lizards in a tropical deciduous forest of western Mexico. *Journal of Herpetology* 36(3):487-490.
- Beck, DD. 2002. *Heloderma horridum* (Wiegmann 1829), Escorpión. Pp. 285-291. *In: F. A. Noguera, J.H.V. Rivera, A.N. García-Aldrete, and M.Q. Avendaño (eds.). Historia Natural de Chamela*. Universidad Nacional Autónoma de México. Mexico City.
- Goldberg, S.R. and D.D. Beck. 2001. *Heloderma horridum* (Mexican beaded lizard). *Reproduction. Herpetological. Review* 32(4):255-256.
- Beck, D.D. 1996. Effect of feeding on thermoregulation by rattlesnakes: a field experiment. *Physiological Zoology* 69:1442-1445.
- Ramirez-Bautista, A. and D.D. Beck. 1996. El Escorpión: lagartija venenosa de México. *Información*

- Científica y Tecnológica, (CONACYT) 18(232):24-28.
- Beck, D.D. 1995. Ecology and energetics of three sympatric rattlesnake species in the Sonoran desert. *Journal of Herpetology* 29(2): 211-223.
- Beck, D.D., M.R. Dohm, T. Garland Jr., A. Ramirez-Bautista, and C.H. Lowe. 1995. Locomotor performance and activity energetics of helodermatid lizards. *Copeia* 1995(3):577-585.
- Beck, D.D. and C.H. Lowe. 1994. Metabolism of helodermatid lizards: allometric and ecological relationships. *Journal of Comparative Physiology B*. 164:124-129.
- Beck, D.D. 1994. Bighorn at Red Rock: counting sheep without much sleep. *New Mexico Wildlife* 39(2)22-24.
- Beck, D.D. 1993. A retrospective of "the Gila monster and its allies." Invited essay in: *The Gila monster and its allies, the relationships, habits, and behavior of the lizards of the family helodermatidae*, by C.M. Bogert and R. Martin del Campo, 1956. Reprinted by the Society for the Study of Amphibians and Reptiles.
- Beck, D.D. and C.H. Lowe. 1992. The helodermatid lizards. In: *Endangered Species and Wildlife Conservation in Mexico*. G. Ceballos and D. Navarro, eds. Universidad Nacional Autonoma de Mexico.
- Beck, D.D. and A. Ramirez-Bautista. 1991. Combat behavior of the beaded lizard, *Heloderma h. horridum*, in Jalisco, Mexico. *Journal of Herpetology* 25(4):481-484.
- Beck, D.D. and C.H. Lowe. 1991. Ecology of the beaded lizard, *Heloderma horridum* in a tropical dry forest in Jalisco, Mexico. *Journal of Herpetology* 25(4):395-406.
- Beck, D.D. 1990. Ecology and behavior of the Gila monster in southwestern Utah. *Journal of Herpetology* 24(1):54-68.
- Beck, D.D. 1989. Ecology and energetics of helodermatid lizards: the gracefulness of being sluggish. *Sonoran Herpetologist* 2(3):17-22.
- Beck, D.D. 1985. Gila monster (*Heloderma suspectum*), banding/ coloration. *Herpetological Review* 16:53.
- Beck, D.D. 1985. Current status and distribution of the Gila monster, *Heloderma suspectum*, in southwestern Utah. Report to the UT Div. of Wildlife Res, Nongame Sec. 78p.
- Beck, D.D. and E.M. Coombs. 1984. Current status of the Paradise Canyon Desert tortoise population. *Proceedings of the 1984 Desert Tortoise Council Symposium*. pp. 43-50.
- Fusari, M., D.D. Beck, K.H. Berry, M. Coffeen, J. Diemer, and J.A. St. Amant. 1984. A panel discussion on relocation and related issues and implications for management of the desert tortoise. *Proceedings of the 1984 Desert Tortoise Council Symposium*. pp 136-146.

WORKS IN PROGRESS

- Beck, D.D, C.M. Gienger, Jared Horrocks, Aaron Gilbertson, and Ray Geroso. Variation in Growth Rates and Life History Tradeoffs in *Crotalus oreganus*. for *Journal of Animal Ecology*.
- Holcomb, K. , Oliván, J. and D.D. Beck. Mexican Beaded lizard thermal biology and activity patterns. For *Journal of Animal Ecology*.
- Meidell, J. and D. Beck. Habitat use and Population Structure of the Northern Alligator Lizard: Informing Design of a Wildlife Bridge. For *Journal of Herpetology*
- The Gila monster in Utah: Modeling Habitat for a Species on the Edge. Emblidge, P. and D. Beck. For *Biological Conservation*.
- Garcia-Aguayo, A. Hugo, and D. Beck. Comparing the Effects of Seasonality on Two Populations of the Dry Forest Lizard *Sceloporus utiformis*. For *Journal of Tropical Ecology*

SAMPLE OF INVITED PRESENTATIONS AND RESEARCH PAPERS PRESENTED

- Variation in Growth Rates and Life History Tradeoffs in *Crotalus oreganus**. Daniel Beck, **C.M. Gienger, Jared Horrocks, Aaron Gilbertson, and Ray Geroso**. Biology of Pit Vipers International Symposium. Tulsa, OK, June 2014.
- Response of the Mexican Beaded Lizard (*Heloderma horridum*) to extreme seasonality in a tropical dry forest*. World Congress of Herpetology, Vancouver, BC Canada August 2012 (coauthored with CWU graduate student **Kerry Holcomb**)
- To Conform or Regulate, are these the Only Options? Thermal Biology of the Mexican Beaded Lizard (*Heloderma horridum*) in a Tropical Dry Forest*. World Congress of Herpetology, Vancouver, BC Canada August 2012 (coauthored with CWU graduate student **Kerry Holcomb**)
- Lagartijas Enchaquiras y Su Importancia Para la Biodiversidad*. Invited presentation (in Spanish) to the Universidad de Colima, Facultad de Ciencias Biologicas y Agropecuarias. 20 March 2012
- The Gila monster in Utah: A Case for Biodiversity*. Invited address, Fern and J.L. Crawford Lecture Series. Zion Canyon Field Institute, December 2010.
- Monstersaurus, microhabitat use, and the value of biodiversity*. Invited seminar to University of Idaho, Department of Fish and Wildlife Resources, Moscow, ID. February 2010.
- Monsters, Molecules, and Biodiversity*. Invited lecture to “Molecules of Death” Honors Lecture Series. University of Idaho, Moscow, ID. February 2010.
- Gila Monsters and Beaded Lizards, New Icons of the Value of Biodiversity*: Keynote presentation to annual meeting of the East Texas Herpetological Society. October 2009, Houston, Texas.
- What We Can Learn from Monsters in the Desert*. Keynote presentation to Southwest Partners in Amphibian and Reptile Conservation, 2009 annual meeting, September 2009, St. George, UT.
- Gila Monsters and Beaded Lizards: New Icons of the Value of Biodiversity*. ZooAtlanta Conservation Lecture Series, November 6, 2008.
- The Gila Monster in Utah: a New Icon for the Value of Biodiversity*. Invited address to the Utah Department of Natural Resources, S.L.C., Utah. November 2007.
- Biology of Bumpy Lizards, Icons of the Value of Biodiversity*, Invited address to the Chicago Academy of Sciences, Chicago Herpetological Society, Chicago, IL, September 2007.
- History, Humans, and Heloderma: Why Monsters Matter*: Invited address to the 32nd Annual Meeting and Symposium of the Desert Tortoise Council, Las Vegas, NV. February 2007.
- Introduction and Overview of Bumpy Lizard Biology*. Invited address (and session organizer/chair), 32nd annual meeting and symposium of the Desert Tortoise Council, Las Vegas, NV. February 2007.
- Deserts, Vipers, and Extinguishing Fear: A (Biased) Retrospective of SOURCE's First Ten Years*. Keynote address to CWU's 10th annual Symposium on Research and Creative Expression. May 18, 2006.
- Heloderma y la Valia de Biodiversidad*: Invited address (in Spanish) to Conservation Workshop: “Taller para desarrollar el Plan de Conservación de *Heloderma horridum charlesbogerti*”, Hotel Pasabién, Santa Cruz, Río Hondo, Zacapa, Guatemala 7 al 9 de noviembre del 2005.
- Monstersaurus, Heloderma, and the Biology of Bumpy Lizards*. Keynote banquet address to the 29th annual International Herpetological Symposium, Phoenix, AZ July 29th 2005.
- Monsters in our Midst: Overview of Natural History and Conservation Biology of Gila Monsters*” Invited address to the task force on developing a conservation strategy for the Gila Monster in Utah, St. George, UT, February 2004.
- The Tortoise and the Gila Monster: Common Place; Common Destiny? Invited address to the 28th Annual Meeting and Symposium of the Desert Tortoise Council, Las Vegas, Nevada. February 22, 2003.
- What Good is a Venomous Lizard?: New Ideas Emerging from Studies of Ancient Monsters. Natural Science Seminar presented to the CWU community on December 6, 2002.
- Puzzles and Paradoxes of Gila Monsters and Beaded Lizards. Invited Banquet Address for: Current Research on Herpetofauna of the Sonoran Desert II. April 5-7th 2002. Tucson, Arizona.

REFERENCES

Dr. Tom Cottrell, Chair, Department of Biological Sciences, Central Washington University, Ellensburg, Washington 98926 (509) 963-2731. jamesp@cwu.edu

Dr. James A. MacMahon, Trustee Professor, Department of Biology; Dean, College of Science, Utah State University, Logan, Utah 84322 (801) 750-2478. jam@cc.usu.edu

Dr. Randy Jennings, Professor, Western New Mexico University. Silver City, NM. (505) 538-6519. jenningsr@wnmu.edu

Any of my colleagues here at CWU (suggestions available upon request)