

## **Jan E. Janecka, Ph.D.**

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### **ASSISTANT PROFESSOR**

Department of Biological Sciences  
Bayer School of Natural and Environmental Sciences  
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### **EDUCATION**

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- 2006 TEXAS A&M UNIVERSITY / TEXAS A&M-KINGSVILLE**  
PhD in Wildlife Science, Joint Program  
Dissertation: *Conservation Genetics and Ecology of Ocelot with Recovery Implications in Texas*
- 2002 UNIVERSITY OF VERMONT**  
MS in Wildlife and Fisheries Biology  
Thesis: *Genetic Analysis of a Bobcat (Lynx Rufus) Population in South Texas*
- 1999 CORNELL UNIVERSITY**  
BS in Biological Sciences

### **PROFESSIONAL EXPERIENCE**

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- 2014-Present Assistant Professor**  
*Department of Biological Sciences, Duquesne University*  
Graduate Faculty Affiliate Member, Texas A&M-Kingsville, 2014-2019
- 2010–2013 Research Assistant Professor** (population genetics and genomics)  
*Veterinary Integrative Biosciences, Texas A&M University*  
Executive Committee, Ecology & Evolutionary Biology Program, 2013  
Faculty Member, Ecology & Evolutionary Biology Program, 2011-2013  
Graduate Faculty External Member, Texas A&M-Kingsville, 2012-2013  
Graduate Faculty Associate Member, Texas A&M University, 2011-201
- 2006–2010 Post-Doctoral Associate** (mammalian evolution)  
*Veterinary Integrative Biosciences, Texas A&M University*  
Mentor: Dr. William J. Murphy
- 2003–2006 Rob & Bessie Welder Wildlife Doctoral Fellow** (conservation genetics)  
*Texas A&M University/Texas A&M-Kingsville, Joint PhD Program*  
Co-Advisors: Rodney Honeycutt & Michael Tewes
- 2002 Research Assistant** (felid ecology)  
*Caesar Kleberg Wildlife Research Institute, Texas A&M-Kingsville*  
Supervisor: Michael Tewes
- 2002 Research Assistant** (sea lamprey)  
*USFWS/University of Vermont Cooperative, Essex Junction, Vermont*
- 2000–2002 Rob & Bessie Welder Wildlife Masters Fellow** (bobcat genetics)  
*University of Vermont, Burlington*  
Co-Advisors: David Hirth & C. William Kilpatrick
- 2000 Research Assistant** (sea lampreys)  
*USFWS/University of Vermont Cooperative, Essex Junction, Vermont*

**1996–1999 Undergraduate Research Assistant** (microbiology)  
*Department of Microbiology, Cornell University, Ithaca, New York*  
 Mentor: William Ghiorse

## CERTIFICATION/TRAINING

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**2014 National Academies Education Fellow in Science**, HOWARD HUGHES MEDICAL INSTITUTE/NATIONAL ACADEMY OF SCIENCES, SCIENCE EDUCATION INSTITUTE, JUNE 2014

**2003 Tools for Teaching and Learning Success**, CENTER FOR TEACHING EFFECTIVENESS, TEXAS A&M UNIVERSITY-KINGSVILLE

**2002 Chemical Immobilization of Animals**, SAFE-CAPTURE INTERNATIONAL

## HONORS/FELLOWSHIPS/AWARDS

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- **National Science Foundation, East Asia and Pacific Summer Institutes–China Fellowship** 2006.
- **Welder Wildlife Foundation Doctoral Fellowship** 2002–2005.
- **Presidential Scholar Doctoral Fellowship Texas A&M University-Kingsville** 2003–2004.
- **Welder Wildlife Foundation Masters Fellowship** 2000–2002.
- **Howard Hughes Scholarship Cornell University** 1998–1999. Received BS degree in Biology from Cornell University with Honors.
- **National Academies Education Fellow in Science** 2014

## TEACHING

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**2014 Fall BIOL 646: Advanced Topics: Bioinformatics – Analysis of Genomic Data**  
*1 credit*  
*Duquesne University*  
 Course covers the approaches, methods, and analysis of genomes using next generation sequencing platforms. Includes lab component introducing students to Linux and bioinformatics software. 12 students

**2014 Fall BIOL 394: Undergraduate Biology Seminar**  
*1 credit*  
*Duquesne University*  
 Writing intensive course on preparing scientific manuscripts and presentations. Portion of the Honors thesis program. 3 students

**2014 Spring BIOL 250: Genetics**  
*3 credits*  
*Duquesne University*  
 Introductory Genetics course for majors and non-majors. 109 registered students.

**2012 Summer Mongolia Study Abroad Program**  
**VIBS 489/689 & WFS489/689 Special Topics in Mongolia Conservation Genetics and Conservation Medicine**  
 Started this course and was the lead faculty. 9 registered students  
*3 credit hours*  
*Texas A&M University*  
 In-depth field course in remote region of Mongolia.

**2011–2013 Instructor; VIBS 285/485/491 Directed Studies**  
*3 credit hours*

- Texas A&M University*  
 Taught molecular methods, genetic techniques, scientific writing and communication to a total of 5 undergraduates to date.
- 2011 Spring** **Guest Lecturer; GENE 320 Biomedical Genetics**  
*Instructor: Dr. James Derr*  
*Texas A&M University function.*
- 2011 Spring** **Invited Faculty at 2-week course “Molecular methods for characterization, conservation and utilization of biodiversity”**  
 (26 February – 12 March)  
 Course administered by the *Association for the Promotion of DNA Finger Printing and Associated DNA Technologies and the Center for Cellular and Molecular Biology*, Hyderabad, India.  
 Taught lectures and laboratories during course on bioinformatics, population genetics, and phylogenetics.
- 2010 Fall** **Assistant Instructor; BIMS 485 Directed Studies**  
*Instructor: Dr. Bhanu Chowdhary*  
*Texas A&M University*
- 2009–2010** **Guest Lecturer; BIOLOGY 1406 General Biology**  
*Instructor: Jana Caldwell*  
 Blinn College
- 2010 Summer** **Invited Faculty at 4-day workshop “Wildlife Research Techniques in Rugged Mountainous Environments in Asia”**  
 (16 – 19 May)  
*Ugyen Wangchuck Institute of Conservation and the Environment*  
 Bumthang, Bhutan
- Taught molecular and genetic techniques and their applications to wildlife management and conservation.
- 2006 Spring** **Laboratory Teaching Assistant; RENR 215 Fundamentals of Ecology**  
*Instructor: Roel Lopez*  
*Texas A&M University*
- 2003 April** **Guest Lecturer; WSCI 6372 Wildlife Conservation Biology**  
*Instructor: Dr. Michael Tewes*  
*Texas A&M-Kingsville*
- Taught 2 semester-long field laboratories.
- 2001 Fall** **Laboratory Teaching Assistant; BIO1A Introductory Biology**  
*University of Vermont*
- Taught 2 semester-long general biology laboratories.
- 2000 Spring** **Teaching Assistant; NR140 Biostatistics**  
*University of Vermont*  
 Assisted with grading.
- 1999 Fall** **Laboratory Teaching Assistant; NR001 Natural History/Field Ecology**  
*University of Vermont*  
 Taught 2 semester-long field laboratories.

## ORGANIZATIONS/MEMBERSHIPS

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**Species Survival Trust**

2013-Present

Science Director

<b>Snow Leopard Conservancy</b>	2010-Present	Associate and Conservation Genetics Program Director
<b>The Wildlife Society</b>	2014-Present	Member
<b>International Wildlife Management Working Group of The Wildlife Society</b>	2014-Present	Member
<b>National Academies Education Fellow in the Sciences</b>	2014-Present	Appointed Member
<b>USFWS Ocelot Recovery Implementation Team</b>	2010-2014	Member
<b>USFWS Ocelot Translocation Working Group</b>	2010-2014	Member
<b>IUCN/SSC Cat Specialist Group</b>	2005-Present	Member
<b>Smithsonian Institution</b>	2008-2010	Research Collaborator
<b>Snow Leopard Network</b>	2009-Present	Member
<b>Feline Conservation Federation</b>	2012	Member
<b>Texas Genetic Society</b>	2010-2011	Member

## SERVICE

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- Mentored Dr. Pollock's undergraduate students while he was on sabbatical (12)
- Hosted Biology Seminar speaker Dr. Michael Tewes Oct 23-24, 2014
- Taught teaching module to BSNEs faculty/staff meeting that illustrated the benefits of scientific based teaching and reverse design that was developed at the HHMI's Summer Institute
- Science Director of the Species Survival Trust (2013-Present)
- Executive Committee Member of the Interdisciplinary Research Program in Ecology and Evolutionary Biology (2013)
- Curriculum Chair, Interdisciplinary Research Program in Ecology and Evolutionary Biology (2013)
- Member of the Asia Pacific Rim Sub-Committee of the International Program, Texas A&M College of Veterinary Medicine and Biomedical Sciences (2012-2013)
- Member of the USFWS Ocelot Translocation Team and USFWS Ocelot Recovery Team Implementation Committee. Implementing recovery actions based partly on results from 8 publications (Janecka et al. 2011; 2008; 2007, Haines et al. 2007; 2006a; 2006b; 2006c; 2006d)
- Faculty Advisor for the Texas A&M student club *Aggies for Protection of Endangered Species* (2011-2013)
- Supervisor of the ABI3730 sequencing service for Molecular Cytogenetics and Genomics Laboratory, Texas A&M University
- Editorial Board of *European Journal of Wildlife Research*
- Review Editorial Board of *Frontiers in Phylogenetics, Phylogenomics, and Systematics* (2014)
- External reviewer for the *Snow Leopard Conservation Grants Program* (2010, 2011)
- Presentation and poster judge for Graduate Student Association Symposium, Texas A&M University (2009, 2010, 2011)
- Sequencing and genotyping service of scat samples collected during wildlife surveys for customers and collaborators

- Developed international collaborations between Texas A&M University and numerous US and foreign institutions in Bhutan, Germany, India, Mongolia, Nepal, China, Pakistan, and Thailand. To date, these partnerships have led to 8 publications and 8 funded grants
- Trained lab technicians, field biologists, and provided technical assistance to international institutions including Center for Molecular Dynamics Nepal (Kathmandu, Nepal), Mongolian Academy of Sciences (Ulaanbaatar, Mongolia), and Ugyen Wangchuck Institute of Conservation and the Environment (Bumthang, Bhutan)
- Set-up a wildlife genetics lab together with Scott Mills, Paulo Alves, and David Tallmon at the Ugyen Wangchuck Institute of Conservation and the Environment (Bumthang, Bhutan)
- AD HOC manuscript reviews: *Acta Theriologica*, *Biochemical Genetics*, *BMC Evolutionary Biology*, *BMC Genomics*, *BMC Research Notes*, *Cat News*, *European Journal of Wildlife Research*, *Journal of Threatened Taxa*, *Journal of Biogeography*, *Journal of Heredity*, *Journal of Mammalogy*, *Journal of Zoology*, *Mammalia*, *Molecular Ecology*, *Molecular Ecology Notes*, *PLoS ONE*, *Ursus*

## JOURNAL PUBLICATIONS (40)

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- Rodgers T, Giacalone J, Heske E, **Janecka J**, Phillips C, Schooley R (Accepted) Support for fecal noninvasive genetics as a valid technique for estimating population density of elusive animals. *Tropical Conservation Science*. Submitted August 2014. Accepted 29 September.
- Rodgers TW, Giacalone J, Heske EJ, **Janecka JE**, Jansen PA, Phillips CA, Schooley RL (Accepted) Socio-spatial organization and kin structure in ocelots from integration of camera trapping and noninvasive genetics. *Journal of Mammalogy* Accepted 27 June 2014. Scheduled for the December 2014 issue.
- Statham MJ, Murdoch J, **Janecka J**, Aubry KB, Edwards CJ, Soulsbury CD, Berry O, Wang Z, Harrison D, Pearch M, Tomsett L, Chupasko J, Sacks B (2014) Multilocus phylogeography reveals divergent lineages and speciation within the most widely distributed terrestrial carnivore on earth, the red fox. *Molecular Ecology* 23:4813 – 4830.
- Janecka JE**, Tewes ME, Laack L, Caso A, Grassman LI, Honeycutt RL (2014) Loss of genetic diversity among ocelots in the United States during the 20<sup>th</sup> century linked to human induced population reductions. *Plos One*. 26 Feb 2014, DOI: 10.1371/journal.pone.0089384
- Janecka JE**, Jackson R, Munkhtsog B, Murphy WJ (2014) Characterization of 9 microsatellites and primers in snow leopards and a species-specific PCR assay for identifying noninvasive samples. *Conservation Genetic Resources* 6:369–373.
- Rodgers T, **Janecka JE** (2013) Applications and techniques for non-invasive faecal genetics research in felid conservation. *European Journal of Wildlife Research* 59:1–16.
- Holbrook JD, De Young RW, **Janecka JE**, Tewes ME, Honeycutt RL, Young JH (2012) Genetic diversity, population structure, and movements of mountain lions (*Puma concolor*) in Texas. *Journal of Mammalogy* 93:989–1000.
- Janecka JE**, Chowdhary B, Murphy WJ (2012) Exploring the correlations between sequence evolution rate and phenotypic divergence across the Mammalian tree provides insights into adaptive evolution. *Journal of Bioscience* 37:1–13.
- Murphy MJ, **Janecka JE**, Stadler T, Eizirik E, Ryder OA, Gatesy J, Meredith RW, Springer MS (2012) Response to comment on “Impacts of the Cretaceous Terrestrial Revolution and KPg Extinction on Mammal Diversification”. *Science* 337:34–35.
- Rosen T, Hussain S, Mohammad G, Jackson R, **Janecka JE**, Michel S (2012) Reconciling sustainable development of mountain communities with large carnivore conservation. *Mountain Research and Development* 32:286–293. Translated to Russian.
- Springer MS, Meredith R, Gatesy J, Emerling C, Park J, Rabosky D, Stadler TC, Ryder O, **Janecka JE**, Fisher C, Murphy W (2012) Macroevolutionary dynamics and historical biogeography of primate diversification inferred from a species supermatrix. *PLoS ONE* 7:11:e49521:1–23.
- Steelman S, Chowdhary B, Suchodolski J, Dowd S, **Janecka JE** (2012) Pyrosequencing of 16s rRNA Genes in fecal samples reveals high diversity of hindgut microflora in horses and potential links to chronic laminitis. *BMC Veterinary Research* 8:231.

- Anwar MB, Jackson R, Nadeem MS, **Janecka JE**, S Hussain, Beg MA, Ghulam M, and Qayyum M (2011) Food habits of snow leopard *Panthera uncia* (Schreber, 1775) in Baltistan, Northern Pakistan. *European Journal of Wildlife Research* 57:1077–1083.
- Gilad O, **Janecka JE**, Armstrong F, Tewes ME, Honeycutt TL (2011) Mountain lions in Guadalupe Mountains National Park: Estimates of occurrence and distribution through DNA analysis. *The Southwestern Naturalist* 56:297–304.
- Janecka JE**, Munkhtsog B, Jackson RM, Mallon DP, Naranbaatar G, Gerelmaa K, Murphy WJ (2011) Comparison of noninvasive genetic and camera-trapping techniques for surveying snow leopards. *Journal of Mammalogy* 92:771–783.
- Janecka JE**, Tewes ME, Laack LL, Caso A, Grassman LI Jr, Haines AM, Shindle D, Davis B, Murphy WJ, Honeycutt RL (2011) Reduced genetic diversity and isolation of remnant ocelot populations occupying a severely fragmented landscape in southern Texas. *Animal Conservation* 14:608–619.
- Karmacharya DB, Thapa K, Shrestha R, Dhakal M, **Janecka JE** (2011) Noninvasive genetic population survey of snow leopards (*Panthera uncia*) in Kangchenjunga Conservation Area, Shey Phoksundo National Park and surrounding buffer zones of Nepal. *BMC Research Notes* 4:1–8.
- Li G, **Janecka JE**, Murphy WJ (2011) Accelerated evolution of a putative premating isolation gene, *CES7*, in the cat family. *Molecular Biology and Evolution* 28:911–920.
- \*Meredith, RW, \*Janecka JE (Co-first authors contributed equally), Gatesy J, Ryder OA, Fisher CA, Teeling EC, Alisha Goodbla A, Eizirik E, Simão TLL, Stadler T, Rabosky DL, Honeycutt RL, Flynn JF, Ingram CI, Steiner C, Williams TL, Robinson TJR, Burk-Herrick A, Westerman M, Ayoub NA, \*Springer MS, \*Murphy WJ (2011) Impacts of the Cretaceous Terrestrial Revolution and KPg Extinction on Extant Mammal Diversification. *Science* 334:521–524. \*First and last authorship determined by coin flip.
- Springer MS, Meredith RW, **Janecka JE**, Murphy WJ (2011) The historical biogeography of Mammalia. *Philosophical Transactions of the Royal Society B: Biological Sciences* 366:2478–2502.
- Miller W, Drautz DI, **Janecka JE**, Lesk AM, Ratan A, Tomsho LP, Packard M, Zhang Y, McClellan LR, Qi J, Zhao F, Gilbert MTP, Dalén L, Arsuaga JL, Ericson PGP, Huson DH, Helgen KM, Murphy WJ, Götherström A, Schuster SC (2009) The mitochondrial genome sequence of the Tasmanian tiger (*Thylacinus cynocephalus*). *Genome Research* 19:213–220. Received Journal Cover.
- Janecka JE**, Jackson R, Zhang Y, Li D, Munkhtsog B, Buckley-Beason V, Murphy WJ (2008) Population monitoring of snow leopards using noninvasive collection of scat samples: A pilot study. *Animal Conservation* 11:401–411. Received Journal Cover.
- Janecka JE**, Jackson R, Zhang Y, Li D, Munkhtsog B, Buckley-Beason V, Murphy WJ (2008) Population monitoring of snow leopards using noninvasive genetics. *Cat News* 48:7–10.
- Janecka JE**, Lim NT-L, Baba M, Izawa M, Boeadi, Murphy WJ (2008) Evidence for multiple species of Sunda colugos. *Current Biology* 18:R1001–R1002.
- Janecka JE**, Tewes ME, Laack LL, Grassman LI Jr, Haines AM, Honeycutt RL (2008) Small effective population sizes of two remnant ocelot populations (*Leopardus pardalis albescens*) in the United States. *Conservation Genetics* 9:869–878.
- Haines AM, Tewes ME, **Janecka JE**, Grassman LI (2007) Evaluating the benefits and costs of ocelot recovery in southern Texas. *Endangered Species UPDATE* 24:35-40.
- Janecka JE**, Blankenship TL, Hirth DH, Kilpatrick CW, Tewes ME, Grassman LI Jr (2007) Evidence for male-biased dispersal in bobcats *Lynx rufus* using relatedness analysis. *Wildlife Biology* 13:38–47.
- Janecka JE**, Grassman LI Jr, Honeycutt RL, Tewes ME (2007) Whole genome amplification for sequencing and applications in conservation genetics. *The Journal of Wildlife Management* 71:1357–1360.
- Janecka JE**, Miller W, Pringle TH, Wiens F, Zitzmann A, Helgen KM, Springer MS, Murphy WJ (2007) Molecular and genomic data identify the closest living relative of primates. *Science* 318:792–795.
- Janecka JE**, Walker CW, Tewes ME, Caso A, Laack LL, Honeycutt RL (2007) Phylogenetic relationships of ocelot (*Leopardus pardalis albescens*) populations from the Tamaulipan

- Biotic Province and implications for recovery. *Southwestern Naturalist* 52:89–96. Received Journal Cover.
- Grassman LI, Haines AM, **Janecka** JE, Tewes ME (2006) Activity periods of photo-captured mammals in northcentral Thailand. *Mammalia* 70:306–309.
- Grassman LI, **Janecka** JE, Austin SC, Tewes ME, Silvy NJ (2006) Chemical immobilization of free-ranging dhole (*Cuon alpinus*), binturong (*Arctis binturong*), and yellow-throated marten (*Martes flavigula*) in Thailand. *European Journal of Wildlife Research* 52:297–300.
- Haines AM, Grassman LI, **Janecka** JE, Tewes ME (2006) First ocelot (*Leopardus pardalis*) monitored with GPS telemetry. *European Journal of Wildlife Research* 52:216–218.
- Haines AM, **Janecka** JE, Tewes ME, Grassman LI, Morton P (2006) The importance of private lands for ocelot *Leopardus pardalis* conservation in the United States. *Oryx* 40:1–5.
- Haines AM, Tewes ME, Grassman LI, **Janecka** JE (2006) Identifying culvert sites to reduce ocelot vehicle collisions. *Wild Cat News* 2:27-32.
- Haines AM, Tewes ME, Grassman LI, **Janecka** JE (2006) Reducing ocelot vehicle collisions. *Wild Cat News* 2:1–6
- Janecka** JE, Blankenship TL, Hirth DH, Tewes ME, CW Kilpatrick, LI Grassman Jr (2006) Kinship and social structure of bobcats (*Lynx rufus*) inferred from microsatellite and radio-telemetry data. *Journal of Zoology (London)* 269:494–501
- Janecka** JE, Grassman LI Jr, Derr JN, Honeycutt RL, Eiadthong W, Tewes ME (2006) Rapid whole genome amplification of DNA from felids: Applications for conservation genetics. *Wildlife Society Bulletin* 34:1134–1141.
- Janecka** JE, Jenkins MB, Brackett NS, Lion LW, Ghiorse WC (2002) Characterization of a *Sinorhizobium* isolate and its extracellular polymer implicated in pollutant transport in soil. *Applied and Environmental Microbiology* 68:423–425.
- Pimentel D, McNair S, **Janecka** JE, Wightman J, Simmonda C, O’Connel C, Wong E, Russel L, Zern J, Aquino T, Tsomondo T (2001) Economic and environmental threats of alien plant, animal, and microbe invasions. *Agriculture, Ecosystems and Environment* 84:1–20.

## BOOK CHAPTERS

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- Janecka** JE, Alves P, Karmacharya D, Samsel N, Tallmon D, Schwartz M, Cheng E (2014) Wildlife genetics in rugged landscapes: methods, applications, and examples. Pp. 35-61. In: *Wildlife Research Techniques in Rugged Mountainous Asian Landscapes*. Scott L. Mills & Tshering Tempa, Editors. Ugyen Wangchuck Institute for Conservation and Environment, Bhutan.
- Janecka** JE. (2012) Tracks of my soul. In: *Snow Leopard Stories from the Roof of the World*. Don Hunter, Editor. University Colorado Press. Pp. 25–31.
- Grassman LI, **Janecka** JE, Tewes ME (2006) Ecological separation of *Martes flavigula* with 5 sympatric mesocarnivores in northcentral Thailand. In: *Martes in Carnivore Communities: Proceedings of the 4th International Martes Symposium*. Santos-Reis M, Proulx G, Birks JDS, O’Doherty EC, Editors. Alpha Wildlife Publications, Sherwood Park, Alberta, Canada. Pp. 63–73.

## PUBLICATIONS - IN REVIEW

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- Johnson MD, Steelman SM, Janecka JE, Chowdhary BP. (In Review) Development and characterization of an in vitro tissue culture model for equine laminitis. *Journal of Veterinary Immunology and Immunopathology*. Submitted September 2014.
- AvilaF , Baily MP, Merriwether DA, Trifonov VA, Rubes J, Kutzler M, Chowdhary R, Janečka JE, Raudsepp T (In Review) A cytogenetic and comparative map of camelid chromosome 36 and the minute in alpaca. *Mammalian Genome*. Submitted 20 October 2014.

## POPULAR PUBLICATIONS

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- Janecka**, JE (2012) Identifying genes contributing to the white coat color in tigers and associated phenotypic disorders. *Feline Conservation Federation*. March/April Issue 56:32–33.



**Janecka, JE** (2011-Present) Website for Molecular Cytogenetics and Genomics Laboratory, Department of Veterinary Integrative Biosciences. Texas A&M University.  
<http://vetmed.tamu.edu/labs/cytogenics-genomics>

**Janecka J** (2006–2004) Website for the Feline Research Program, Caesar Kleberg Wildlife Research Institute, Texas A&M University-Kingsville. <http://ckwri.tamuk.edu/feline>.

## STUDENT MENTEE PUBLICATIONS/THESIS

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- Carney S** (2013) Genetic Influence on coat color and health of tigers.  
*Explorations! The Texas A&M Undergraduate Journal*. Fall 2013 (Advisor: JE Janecka)
- Carney S** (2013) Genetic diversity of white tigers and genetic factors related to coat color. *Honors Fellow Undergraduate Thesis*, Texas A&M University. (Advisor: JE Janecka)
- Jackson A** (2013) Plasma citruline levels in horses at risk of acute laminitis.  
*Honors Fellow Undergraduate Thesis*, Texas A&M University. (Advisor: JE Janecka)
- Wright T** (2013) Comparative genomics of Mongolian purebred and crossbred horses: Conserving an Important Breed.  
*Honors Fellow Undergraduate Thesis*, Texas A&M University. (Advisor: JE Janecka)
- Larkin E** (2012) Investigation of the Genes Associated with the White Coat Color in Tigers. *Honors Fellow Undergraduate Thesis*, Texas A&M University. (Advisor: JE Janecka)
- Halley Y** (2011) Snow leopard density in western Mongolia: A study of population genetics.  
*Explorations! The Texas A&M Undergraduate Journal*. Fall 2011; 28–29&37. (Advisor: JE Janecka)

## SECURED FUNDING

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- 2013-2014** **Adaptation of snow leopard to high-altitude and refinement of next-generation sequencing methods for studying elusive carnivores.**  
Duquesne University Faculty Development Fund  
PI: JE Janecka
- 2014** **Project Snow Leopard – Diet Analysis**  
Safari Club International  
PI: Shafqat Hussain  
coPI: JE Janecka
- 2014-2016** **Snow Leopard Genomics and Prey Use**  
The Snow Leopard Conservancy  
PI: JE Janecka
- 2013-2015** **Ecology and Evolutionary Biology Program**  
*Tier One Program (TOP): Integration of Multidisciplinary Research and Creative Activities into the Learning Experience*  
Lead PI: GG Rosenthal; Additional PIs: AR Armitage, DE Baumgardner, ST Behmer, JE Janecka, GW Moore, WJ Murphy, TD Olszewski, MJ Peterson, AS Quigg, WE Rogers, MA Slotman.
- 2013-2014** **The response of the equine hindgut microbial community to increased carbohydrate consumption**  
*Morris Animal Foundation*  
PI: JE Janecka, Co-PI: B Chowdhary, J Coverdale
- 2012-2014** **Sequencing and functional analysis of the horse Y chromosome**  
*USDA – AFRI*  
PI: B. Chowdhary, Co-PI: T Raudsepp, JE Janecka, C Johnson
- 2012-2013** **Population status, distribution, and conservation genetics of snow leopards in Central Asia**  
*Snow Leopard Conservancy*  
PI: JE Janecka
- 2012-2013** **Status and conservation of snow leopards in the transboundary Altai region of Russia and Mongolia**  
*Mohamed Bin Zayed Species Conservation Fund*



- 2012 PI: Rod Jackson, Co-PI: B. Munkhtsog, M. Paltsyn, J. Janecka  
**Mongolia study abroad funds for student scholarships**  
*International Program, College of Veterinary Medicine and Biomedical Sciences (TAMU)*
- 2012-2013 PI: Jan Janecka, Co-PI: C Budke, WJ Murphy  
**The development of genetic tools for the identification of huntable African wildlife: DNA BarCoding African wildlife**  
*Safari Club International*
- 2012-2013 PI: J Derr, Co-PI: JE Janecka  
**Tiger Genomics Program**  
*T.I.G.E.R.S.*
- 2012-2013 PI: JE Janecka  
**Summer Undergraduate Research: Deciphering genomic factors contributing to the development of important phenotypes and associated physical abnormalities in tigers**  
*Summer Programs for Undergraduate Research, Texas A&M University*
- 2012-2013 PI: JE Janecka  
**Doctoral research program in genomics and ecological genetics to develop future leaders in science**  
*Pathways to a Doctorate Fellowship Program, Associate Provost of Graduate Studies, Texas A&M University*
- 2010-2011 PI: JE Janecka, Co-PI: Bhanu Chowdhary, Terje Raudsepp, William Murphy, Christopher Seabury, James Womack, Gill Rosenthal, Charles Criscione  
**Evolution, phylogeography, and population structure of snow leopards in Central Asia**  
*Postdoctoral Trainee Research Grant, College of Veterinary Medicine & Biomedical Sciences, Texas A&M University*
- 2010-2011 PI: JE Janecka  
**Status, distribution, and population connectivity of the snow leopard in Mongolia and implications for conservation**  
*Snow Leopard Conservation Grants Program*
- 2007-2010 Pls: N Galsandorj, B Munkhtsog, JE Janecka  
**Landscape genetics of the snow leopard in Mongolia, Pakistan, and Nepal**  
*Snow Leopard Conservancy*
- 2009-2010 PI: JE Janecka, CoPI: WJ Murphy  
**Population status and distribution of the snow leopard in China**  
*Snow Leopard Conservation Grants Program*
- 2008-2009 Pls: JE Janecka, CoPI: WJ Murphy  
**Status, distribution, and conservation genetics of the snow leopard in Central Asia**  
*National Geographic Society*
- 2008-2009 PI: JE Janecka, Co-Pi: WJ Murphy, R Jackson  
**Conservation genetics of endangered ocelot in Texas and Northern Mexico**  
*Texas Parks and Wildlife Department*
- 2001 PI: JE Janecka, Co-PI: RL Honeycutt,  
**Genetic analysis of a bobcat population in south Texas**  
*American Museum of Natural History*  
 Student Grant: JE Janecka

## PENDING FUNDING

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**Analysis of temporal variation in prey use and livestock depredation of snow leopards (*Panthera uncia*) in Pakistan and potential links to climate change.**  
*Snow Leopard Conservation Grants Program*  
 Pls: Matt Jevit (MS student), JE Janecka

**INVITED SEMINARS**

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- 2014 Snow Leopard Conservation Genetics – Applying Science to Protect an Iconic Species**  
Slippery Rock University. 3 October
- 2014 Snow Leopards of Central Asia: Conservation & Research in Partnership with Local Communities**  
The R.W. Moriarty Science Seminar, Carnegie Museum. 10 September.
- 2014 Conservation Genetics of Snow Leopards in Partnership with Local Communities**  
Smithsonian Institute – The National Museum of Natural History. 21 May.
- 2014 Snow Leopards of Central Asia**  
Pittsburgh Zoo and PPG Aquarium. 15 March  
Pittsburgh, PA
- 2014 Conservation and Research of Snow Leopards in Partnership with Local People**  
Pittsburgh Zoo and PPG Aquarium. 15 March  
Pittsburgh, PA
- 2013 Equine health**  
Texas AgriLife. 10 July 2013.  
College Station, Texas
- 2013 Mountain lions of Texas**  
Texas Master Naturalist. 13 June 2013.  
Bryan, Texas
- 2013 Contribution of genomics to the conservation and management of species.**  
Department of Biology, Duquesne University, 1 February 2013.  
Pittsburgh, Pennsylvania
- 2012 Saving the snow leopards of Central Asia in partnership with local people (Joint talk – Rod Jackson & Jan Janecka)**  
Houston Zoo and the Asia Society. 20 November.  
Houston, Texas
- 2012 Snow leopard conservation in Mongolia**  
Texas A&M Student Chapter of the Society Conservation Biology. 11 October.  
College Station, Texas
- 2012 Genetic erosion in the Texas ocelot population and potential consequences to health and recovery**  
Texas A&M Student Chapter of the Wildlife Disease Association. 10 October. College Station, Texas
- 2012 Ocelot conservation in Texas: Applying science to save a species**  
Aggies for Protection of Endangered Species, Texas A&M University. 10 September.  
College Station, Texas
- 2012 Snow leopard conservation genetics in Mongolia**  
Caesar Kleberg Wildlife Institute, Texas A&M University-Kingsville. 18 September.  
Kingsville, Texas
- 2012 Exploring genetic factors associated with the white coat color in tigers**  
Feline Conservation Federation Convention. 9 June. Cincinnati, Ohio
- 2012 Snow leopard conservation: Applying genetics to save the species in Mongolia**  
Texas A&M Student Chapter of the Wildlife Disease Association. 16 April. College Station, Texas
- 2012 Conservation genetics of ocelots and the implications for species recovery in the US**  
Rio Brazos Audubon Society, Brazos Valley Museum of Natural History. 11 April.  
Bryan, Texas
- 2012 Landscape genetics of snow leopards in Mongolia and impacts on Conservation**

- Borlaug Institute for International Agriculture, Texas A&M University. 24 February. College Station, Texas
- 2011 Population abundance and landscape connectivity of snow leopards and the implications for conservation**  
Snow Leopard Exchange Meeting WWF-Mongolia. 17 October. Ulaanbaatar, Mongolia
- 2011 Application of genomics to the conservation and management of species**  
15<sup>th</sup> Annual Convention of Association for the Promotion of DNA Finger Printing and Associated DNA. Focus: Genomics and Biodiversity. 23–25 February. Hyderabad, India
- 2010 Bhutan's first wildlife genetics lab: How DNA will be extracted from scat and hairs of elephant, snow leopard, takin, and other wildlife species**  
Ugyen Wangchuck Institute of Conservation and the Environment. 14 May. Bumthang, Bhutan
- 2010 Understanding the status and distribution of snow leopards using noninvasive genetics**  
Nepal Academy of Science and Technology. 19 March. Lalitpur, Nepal
- 2010 Applying advances in genetics to wildlife conservation**  
Center of Molecular Dynamics-Nepal. 16 March. Kathmandu, Nepal
- 2010 Resolving the distribution, abundance, and evolution of snow leopards by integrating noninvasive genetic techniques and available genomic resources**  
Snow Leopard Functional Genomics Initiative Collaborative Planning Workshop. 18 January. San Diego, California
- 2009 Mammal diversification and conservation of biodiversity**  
Partnership for Education and Rural Health (PEER) Summer Camp, Introduction to Veterinary Medicine. 20 July. Texas A&M University
- 2008 Population monitoring of snow leopards in Central Asia using non-invasive genetics**  
Ecomunch Seminar, Department of Zoology, University of Oklahoma. 23 September. Norman, Oklahoma
- 2008 Genetic techniques for snow leopard population monitoring**  
International Conference on Range-Wide Conservation Planning for Snow Leopards. 10 March. Beijing, China
- 2006 Conservation genetics of snow leopard in China.**  
Institute of Forest Ecology, Environment and Protection, Chinese Academy of Forestry. 9 August. Beijing, China
- 2005 Genetic variation of wild cats in Texas**  
Universidad Nacional Autónoma de México. 9 March. Mexico City, Mexico
- 2004 Progress of the Feline Research Program in ocelot research**  
USFWS Ocelot Recovery Meeting. 30 November. Harlingen, Texas
- 2004 Population genetics of ocelot**  
National Pingtung University, 19 August. Kaohsiung, Taiwan.
- 2004 Population genetics of ocelot: The implications for conservation**  
Kasetsart University, Faculty of Forestry. 12 August. Bangkok, Thailand
- 2004 Genetic techniques critical for conservation**  
Kasetsart University, Faculty of Forestry. 8 August. Bangkok, Thailand

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**CONFERENCE PRESENTATIONS** (\*presenter, student mentee underlined)

- 2014 A whole genome integrated map of the alpaca** (Poster)  
Plant & Animal Genome XXII. 11-16 January 2014. San Diego, California  
F Avila\*, PJ Das, MP Baily, P Perelman, JE Janecka, R Chowdhary, E Owens, M Kutzler, A Merriwether, WE Johnson, T Raudsepp
- 2013 Sequencing and de novo assembly of the male specific region of the equine Y chromosome** (Platform)  
*10<sup>th</sup> Dorothy Russel Havemeyer Foundation International Equine Genome Mapping*

- Workshop*. 12 July 2013. Furnas, Portugal  
JE Janecka, T Raudsepp, B Chowdhary\*
- 2103 Noninvasive genetics versus camera trapping: estimating population density of an elusive carnivore *Leopardus pardalis*** (Platform)  
American Society of Mammalogists Annual Meeting. 14-18 June, Philadelphia, Pennsylvania  
TW Rodgers\*, RL Schooley, J Giacalone, JE Janecka, EJ Heske
- 2013 Influence of Dietary Grain Supplementation on Cecal Microbial Populations in Horses** (Platform)  
*Equine Science Society Symposium*. 28 May 2013. San Antonio  
CM Warzecha, JA Coverdale, JE Janecka, WE Pinchak, TA Wickersham
- 2013 Discovery of a sub-population of ocelots in Texas: Genetic rescue for an endangered species?** (Platform)  
*Texas Chapter of the Wildlife Society*, 21-23 February, Houston, Texas  
JM Korn\*, JE Janecka, RW De Young, A Caso, J Mays, A Ortega-Sanchez, DJ Kunz, L Laack, ME Tewes
- 2013 The composition and distribution of native and non-native red fox in central Colorado** (Platform)  
*Texas Chapter of the Wildlife Society*, 21-23 February, Houston, Texas  
C Merson\*, BN Sacks, MJ Statham, RP Lopez, JE Janecka
- 2013 Global phylogeography of the most widely distributed carnivore, the Red Fox (*Vulpes vulpes*)** (Platform)  
*The Wildlife Society-Western Section Annual Meeting*. 31 January 2014. Sacramento, California  
M Statham\*, J Murdoch, JE Janecka, C Edwards, B Sacks
- 2012 Investigation of the genes associated with the white coat color in tigers** (Platform)  
*Texas Genetics Society Annual Meeting*. 24 March 2012. San Antonio, Texas  
E Larkin\*, JE Janecka  
Won Outstanding Undergraduate Student Platform Presentation
- 2012 Characterization of equine gastrointestinal microflora in healthy horses and those with chronic laminitis.** (Poster)  
*Keystone Symposium on the Microbiome*. 4 March 2012 Keystone, Colorado.  
SM Steelman\*, JE Janecka, JS Suchodolski, S Dowd, BP Chowdhary
- 2011 Population structure of snow leopards in western Mongolia** (Poster)  
*Texas Genetic Society Annual Meeting*. 30 March 2011. Dallas, Texas  
JE Janecka\*, R Jackson, B Munkhtsog, N Galsandorj, Y Halley, WJ Murphy
- 2011 Population density estimates of snow leopards in western Mongolia using noninvasive genetics** (Platform)  
*Texas Genetics Society Annual Meeting*. 9 April 2011. Dallas, Texas  
Y Halley\*, B Munkhtsog, R Jackson, JE Janecka
- 2011 Next generation DNA sequencing to characterize equine gastrointestinal microflora in healthy horses and those with acute laminitis of gastrointestinal origin** (Poster)  
*Havemeyer Foundation Genome Workshop*. July 2011. Minneapolis, Minnesota  
SM Steelman\*, JE Janecka, BP Chowdhary
- 2011 Characterization of laminar, gastrointestinal, and immune system dysregulation in chronic equine laminitis** (Poster)  
*International Laminitis Conference*. 28-31 October 2011. West Palm Beach, Florida  
SM Steelman\*, JE Janecka, BP Chowdhary
- 2009 Non-invasive camera trapping and genetic techniques for estimating snow leopard population size in Tost Uul, South Gobi, Mongolia** (Platform)  
*Carnivores 2009 Carnivore Conservation in a Changing World*. 15-18 November 2009. Denver, Colorado  
R Jackson\*, B Munkhtsog, JE Janecka, D Mallon
- 2009 A family-level supermatrix resolves the phylogeny and timing of intra-ordinal**

- radiations** (Platform)  
*Society for Molecular Biology and Evolution*. 3–7 June. Iowa City, Iowa  
 JE Janecka\*, R Meredith, M Springer, WJ Murphy
- 2007 Status, distribution, and conservation genetics of the snow leopard in Central Asia** (Platform)  
*Texas Genetic Society*. 13 April. San Antonio, Texas  
 JE Janecka\*, R Jackson, D Li, and W Murphy
- 2007 Conservation genetics and ecology of ocelots with recovery implications in Texas** (Platform)  
*Rob & Bessie Welder Biannual Symposium*. 14–16 October. Sinton, Texas  
 JE Janecka\*, LI Grassman, TL Blankenship, ME Tewes, AM Haines, A Caso, RL Honeycutt
- 2007 Non-invasive survey of snow leopards in Central Asia** (Poster)  
 ConGen3: The 3<sup>rd</sup> Biannual Symposium of Conservation Genetics (American Genetics Society). 27–29 September 2007. New York, New York  
 JE Janecka\*, R Jackson, DQ Li, YQ Zhang, B Munkhtsog, W Murphy
- 2006 Mitochondrial control region variation of ocelot and bobcat in Tamaulipan Biotic Province** (Platform)  
*The Texas Chapter of the Wildlife Society 41<sup>st</sup> Annual Meeting*. 16–18 February. South Padre, Texas  
 JE Janecka\*, LI Grassman, TL Blankenship, ME Tewes, AM Haines, A Caso, RL Honeycutt
- 2006 Genetic structure of mountain lion populations in Texas and implications for management** (Platform)  
*The Texas Chapter of the Wildlife Society 41<sup>st</sup> Annual Meeting*. 16–18 February. South Padre, Texas.  
 JE Janecka\*, LI Grassman, ME Tewes, J Young, RL Honeycutt
- 2005 Genetic structure of mountain lion (*Puma concolor*) populations in Texas and implications for management** (Platform)  
*Conservation, Ecology, and Evolutionary Biology Student Research Symposium*. 23 April. College Station, Texas  
 JE Janecka\*, ME Tewes, LI Grassman, J Garza, J Young, RL Honeycutt
- 2005 Phylogenetics of ocelot from the Tamaulipan Biotic Province and implications for recovery** (Platform)  
*The Texas Chapter of the Wildlife Society 40<sup>th</sup> Annual Meeting*. 24–25 February. Amarillo, Texas  
 JE Janecka\*, CW Walker, RL Honeycutt, LL Laack, A Caso, ME Tewes
- 2005 Phylogenetics of ocelot from the Tamaulipan Biotic Province and implications for recovery** (Platform)  
*Texas Society of Mammalogists 23<sup>rd</sup> Annual Meeting*. 18–19 February. Junction, Texas  
 JE Janecka\*, CW Walker, RL Honeycutt, LL Laack, A Caso, ME Tewes
- 2004 Social structure and male-biased dispersal of bobcats inferred from microsatellites** (Platform)  
*Rob & Bessie Welder Biannual Symposium and 50 Year Anniversary*. 14–16 October. Sinton, Texas  
 JE Janecka\*, TL Blankenship, DH Hirth, CW Kilpatrick, LI Grassman, ME Tewes
- 2004 Road ecology of ocelot and bobcat in southern Texas** (Platform)  
*The Wildlife Society 11<sup>th</sup> Annual Conference*. 18–22 September. Calgary, Alberta  
 JE Janecka\*, S Webb, LL Laack, ME Tewes
- 2004 Conservation genetics of ocelot in southern Texas and northern Mexico** (Platform)  
*Texas Society of Mammalogists 22<sup>nd</sup> Annual Meeting*. 20–22 February. Junction, Texas, USA  
 JE Janecka\*, CW Walker, RL Honeycutt, LL Laack, A Caso, ME Tewes
- 2004 Dietary overlap between ocelots and bobcats** (Platform)

- Southwestern Association of Naturalists 51<sup>st</sup> Annual Meeting*. 15–17 April. San Antonio, Texas  
JE Janecka\*, ME Tewes, LL Laack, J Young, S Hayeslett
- 2004 Road ecology of ocelot and bobcat in southern Texas** (Platform)  
*Texas Society of Mammalogists 22<sup>nd</sup> Annual Meeting*. 20–22 February. Junction, Texas  
JE Janecka\*, S Webb, LL Laack, ME Tewes
- 2003 Conservation genetics of ocelot in south Texas and implications for ocelot recovery** (Platform)  
Southwestern Carnivore Conference. Brownsville, Texas  
JE Janecka\*, CW Walker, RL Honeycutt, LL Laack, A Caso, ME Tewes
- 2003 Kinship and social structure of bobcats inferred from microsatellites and radio-telemetry data** (Platform)  
*The Wildlife Society's 10<sup>th</sup> Annual Conference*. 6–10 September. Burlington, Vermont  
JE Janecka\*, T Blankenship, DH Hirth, CW Kilpatrick
- 2003 Reduced genetic variation among ocelot populations in Texas** (Platform)  
*The 4<sup>th</sup> European Congress of Mammalogy*. August 1–27 July 27. Brno, Czech Republic  
JE Janecka\*, CW Walker, RL Honeycutt, LL Laack, A Caso, ME Tewes
- 2003 Reduced genetic variation among ocelot populations in Texas** (Platform)  
*The 83<sup>rd</sup> Annual Meeting of the American Society of Mammalogists*. 21–25 June. Lubbock, Texas  
JE Janecka\*, CW Walker, RL Honeycutt, LL Laack, A Caso, ME Tewes
- 2003 Ocelot and bobcat spatial patterns relative to roads in southern Texas** (Platform)  
*The 83<sup>rd</sup> Annual Meeting of the American Society of Mammalogists*. 21–25 June. Lubbock, Texas  
JE Janecka\*, S Webb, LL Laack, ME Tewes
- 2003 Wild cat research in Thailand: past, present, and future directions** (Platform)  
*Felid Taxon Advisory Group Mid-Year Meeting*. 2–6 April Dallas, Texas.  
JE Janecka\*, LI Grassman, ME Tewes
- 2003 Male-biased dispersal in bobcats *Lynx rufus*** (Platform)  
*The Texas Chapter of the Wildlife Society 38<sup>th</sup> Annual Meeting*. 13–15 February. Waco, Texas  
JE Janecka\*, TL Blankenship, DH Hirth, CW Kilpatrick
- 2001 Conservation genetics of bobcats, *Lynx rufus*, in south Texas** (Platform)  
*School of Natural Resources Annual Symposium*. Fall Semester, Burlington, Vermont  
JE Janecka\*, TL Blankenship, DH Hirth, CW
- 1997 Characterization of urban coal-tar disposal site isolate *Rhizobium* sp. 9702M4** (Platform)  
*Howard Hughes Scholar Symposium, Cornell University*. Summer. Ithaca, New York  
JE Janecka\*, WC Ghiorse

## STUDENT MENTEE INVITED TALKS

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- 1. Lions, tigers and undergrads, oh my**  
*Zoology Club, Texas A&M University*. 12 September 2012.  
Emilee Larkin, Presented invited talk on her honors thesis.

## MEMBERSHIP ON GRADUATE STUDENT COMMITTEES

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**Jennifer Broderick**      **2014-Present**      **PhD Committee**  
*Dissertation: Tiger genomics*  
PhD Program in Biology  
Major Advisor: Dr. Jan E. Janecka



**Trevor Anderson                      2014-Present                      PhD Committee***Dissertation: Snow leopard genomics*

PhD Program in Biology

Major Advisor: Dr. Jan E. Janecka

**Floyd Barnes                              2012-Present                      MS Committee***Thesis: Genetic tools for DNA barcoding of huntable African wildlife species.*

MS program in Biomedical Sciences

Major Advisor: James Derr

**Daisy Johnson                              2014                              MS Committee***MS Thesis: Development and characterization of an in vitro tissue culture model for equine laminitis*

MS program in Biomedical Sciences

Major Advisor: Dr. Bhanu Chowdhary

**Christine Warzecha                      2013                              MS Committee***Thesis: The effect of dietary shifts on the equine gut microflora.*

MS program in Animal Science

Major Advisor: Dr. Josie Coverdale

**Jennifer Korn                              2013                              PhD Committee***Dissertation: Ocelot social structure and conservation genetics*

PhD Program in Wildlife Science

Major Advisor: Dr. Michael Tewes

(Note: Jennifer is attending Texas A&amp;M University- Kingsville)

**Gregory Vo                                      2012                              MS Committee**

Major Advisor: Bhanu Chowdhary

MS Program in Biomedical Sciences (Non-Thesis)

**MENTORED UNDERGRADUATE STUDENTS****Matt Jevit                                      2014-Present                      Undergraduate Research Assistant***Snow leopard diet analysis, bobcat ecology***Sara Carney                                      2012-2013                      VIBS285/491**TAMU undergraduate Honors thesis: *Genetic Factors Relating to Inbreeding and Coat Color in White Tigers.***Taryn Wright                                      2012-2013                      VIBS285/491**TAMU undergraduate Honors thesis: *Comparative Genomics of Mongolian Purebred Horses and Hybrids: Conserving an Important Breed.***Amy Jackson                                      2011-2013                      VIBS285/491**TAMU undergraduate Honors thesis: *The Use of Serum Citrulline Levels to Predict the Onset of Equine Laminitis.***Emilee Larkin                                      2010-2012                      BIMS485 & 491 student**TAMU undergraduate Honors thesis: *Investigation of Genes Associated with the White Coat Color in Tigers.***Yvette Halley                                      2011                              BIMS 485 student**

Yvette's BIMS485 research was highlighted in the fall 2011 edition of "Explorations! The Texas A&amp;M Undergraduate Journal". Yvette is now in the Genetics Phd Program at TAMU and part of Dr. Chris Seabury's laboratory.

**Angie Love                                      2009-2010                      Research Assistant****Dustin Dwiggin                                      2008-2010                      Research Assistant**

Dustin went on to attend the MD program at The University of Texas Medical Branch at Galveston (UTMB).

**Colleen Fisher                                      2008-2009                      Research Assistant**

Colleen Fisher went on to receive her MS degree in Biomedical Sciences at TAMU and is now a PhD student in Dr. Chris Seabury's laboratory (Vet Pathobiology, TAMU).

**Anisha Jambhekar**      **2007**      **Research Assistant**

Anisha went on to complete the DVM program at the College of Veterinary Medicine at Texas A&M University.

## **PROFESSIONAL REFERENCES**

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**Dr. Bhanu Chowdhary**, Associate Dean for Research and Professor  
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**Dr. Evelyn Castiglioni**, Associate Dean for Undergraduate Programs, Department Head, and Professor  
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**Dr. Rodney M. Jackson**, Director  
Snow Leopard Conservancy  
707-935-3851; [rodjackson@mountain.org](mailto:rodjackson@mountain.org)