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EDUCATIONAL BACKGROUND

Ph.D.	1996	Cornell University (Ecology and Evolutionary Biology) Advisor: Simon A. Levin
M.Math	1990	University of Waterloo in Ontario, Canada (Statistics)
M.S.	1990	Bowling Green State University (Biology)
B.A.	1984	University of Pennsylvania (Biology and Environmental Studies)

ACADEMIC PROFESSIONAL EXPERIENCE

2008 -	Professor , Department of Biology, San Diego State University
2003 - 2008	Associate Professor, Department of Biology, San Diego State University
1997 - 2003	Assistant Professor, Department of Biology, San Diego State University
1996 - 1997	Postdoctoral Research Associate, Department of Ecology and Evolutionary Biology, Princeton University
1994 - 1996	Adjunct Faculty and Instructor, Department of Environmental Studies, Antioch New England Graduate School
1989 - 1991	Adjunct Faculty and Visiting Lecturer, University of Michigan Biological Station, University of Michigan

ACADEMIC HONORS AND AWARDS

Exemplary Graduate Adviser, SDSU Exemplary Academic Advising Awards (2007)

Recipient of the 15th annual Exemplary Academic Adviser award for graduate advising. The Exemplary Adviser awards formally recognize faculty, staff and peer advisers who provide outstanding graduate and/or undergraduate advising to San Diego State students.

Outstanding Faculty Award, Department of Biology (2006):

Outstanding Faculty Award in recognition as the most influential university professor in the academic career of Loni Bonanno, San Diego State University, May, 2006.

SELECT PUBLICATIONS

- Ford*, HL, SA Schellenberg, BJ Becker, DH Deutschman, KA Dyck, and PL Koch. **2010**. Evaluating the skeletal chemistry of *Mytilus californianus* as a temperature proxy: Effects of microenvironment and ontogeny. *Paleoceanography* **25**, Article PA1203.
- Marschalek, DA and **DH Deutschman**. **2009**. Larvae and Oviposition of Hermes Copper (Lepidoptera: Lycaenidae). *J. Entomol. Sci.* 44(4): 1-3.
- Regan, HM, LA Hierl, J Franklin J, **DH Deutschman**, Heather L Schmalbach*, CS Winchell and BS Johnson. **2008**. Species prioritisation for monitoring and management in regional multiple species conservation plans *Diversity and Distributions* 14(3) 462-471.
- Kotliar, NB, EW Reynolds*, and **DH Deutschman**. **2008**. American three-toed woodpecker response to burn severity and prey availability at multiple spatial scales. *Fire Ecology* 4(2): 26-45

- Hierl LA, J Franklin, **DH Deutschman**, HM Regan, and BS Johnson. **2008**. Assessing and Prioritizing Ecological Communities for Monitoring in a Regional Habitat Conservation Plan. **Environmental Management** 42(1) 165-179
- Marschalek* DA and **DH Deutschman**. **2008**. Hermes copper (*Lycaena [Hermelycaena] hermes*: Lycaenidae): life history and population estimation of a rare butterfly. **J. Insect Conservation**. 12(2) 97-105.
- Kus BE, BL Peterson*, and **DH Deutschman**. **2008**. A multiscale analysis of nest predation on Least Bell's Vireos (*Vireo Bellii Pusillus*). **Auk** 125(2) 277-284..
- Franklin J, LA Spears-Lebrun, **DH Deutschman**, and K Marsden. **2006**. Impact of a high-intensity fire on mixed evergreen and mixed conifer forests in the Peninsular Ranges of southern California, USA. **Forest Ecology and Management** **235**: 18–29
- Allen, EB, RD Cox, T Tennant, SN Kee, and **DH Deutschman**. **2005**. Landscape restoration in southern California forblands: Response of abandoned farmland to invasive annual grass control. **Israel J. of Plant Sciences** **53**(3-4)237-245
- Desmond, JS, **DH Deutschman**, and JB Zedler. **2002**. Spatial and temporal variation in estuarine fish and invertebrate assemblages. Analysis of an 11-year dataset. **Estuaries**. **25**:552-569.
- **Deutschman, DH**. 2001. The Design and analysis of biodiversity field experiments. **Ecological Research**. **16**(5)833-843.
- Franklin J, DJ Mladenoff, HS He, DK Simons, RP Martin, **DH Deutschman** and JF O'Leary. 2001. Simulating the effects of different fire regimes on plant functional groups in southern California: **Ecological Modelling** **142**:261-283
- **Deutschman, DH**, SA Levin, and SW Pacala. **1999**. Error propagation in forest succession models: the role of fine-scale heterogeneity in light. **Ecology** **80**(6):1927-1943
- **Deutschman DH**, SA Levin, C Devine and LA Buttel. **1997**. Scaling from trees to forests: analysis of a complex simulation model. **Science** **277**:1688.
www.sciencemag.org/feature/data/deutschman/index.htm

SELECT TECHNICAL REPORTS

1. **Deutschman DH**, S Strahm, D Bailey, J Franklin and R Lewison. **2008**. Using Variance Components Analysis to Improve Vegetation Monitoring for the San Diego Multiple Species Conservation Program (MSCP) Final Report: Natural Community Conservation Planning Program. Local Assistance Grant #P0685105. San Diego State University, 97 pp.
2. **Deutschman DH**, LA Hierl, J Franklin and HM Regan. **2007**. Vegetation Community Monitoring Recommendations for the San Diego Multiple Species Conservation Program. Report to California Department of Fish and Game NCCP Local Assistance Grant #P0450009. San Diego State University, San Diego. 37 pp.
3. Hierl, L.A., J. Franklin, **DH Deutschman**, and H.M. Regan. **2006**. Developing conceptual models to improve the Biological Monitoring Plan for San Diego's Multiple Species Conservation Program. Report to California Department of Fish and Game NCCP Local Assistance Grant #P0450009. San Diego State University, San Diego. 39 pp.

4. Franklin, J., L.A. Hierl, **DH Deutschman** and H.M. Regan. **2006**. Grouping and prioritizing natural communities for monitoring in the San Diego MSCP. Report to California Department of Fish and Game NCCP Local Assistance Grant #P0450009. San Diego State University, San Diego. 50 pp.
5. Regan, H.M., L.A. Hierl, J. Franklin and **DH Deutschman**. **2006**. Grouping and Prioritizing the MSCP Covered Species. . Report to California Department of Fish and Game NCCP Local Assistance Grant #P0450009. San Diego State University, San Diego. 133 pp.
6. Hierl L., H.M. Regan, J. Franklin and **DH Deutschman**. **2005**. Assessment of the Biological Monitoring Plan for San Diego's Multiple Species Conservation Program. Report to California Department of Fish and Game NCCP Local Assistance Grant #P0450009. San Diego State University, San Diego. 83 pp.
7. Deutschman DH and S Heppel. **2004**. Technical review of population trends and extinction metrics used in the nmfs hydropower biological opinion. National Marine Fisheries Service, Seattle WA. 22 pp.
8. Diffendorfer, J and **DH Deutschman**. **2003**. Monitoring the Stephens' Kangaroo Rat: An analysis of monitoring methods and recommendations for future monitoring. Report to California Department of Fish and Game NCCP Local Assistance Grant. San Diego State University, San Diego. 51 pp.

SELECT RESEARCH GRANTS

Title	Agency	Dates
McFarland K and DH Deutschman . Using Soil Salinity and Soil Moisture to Inhibit Invasive Species at the Upland-High Marsh Ecotone. NOAA	NOAA	6/08 to 5/10
Deutschman DH . Evaluation and Refinement of Vegetation Monitoring Methods for the San Diego Multiple Species Conservation Program	SANDAG	6/08 to 8/09
Deutschman DH and J Franklin. Evaluating Accuracy of the Vegetation Sampling on the Nature Conservancy Lands in OC. <u>The Nature Conservancy #IEC022807</u>	The Nature Conservancy	2/08 to 1/09
Deutschman DH . Improving Statistical Sampling and Vegetation Monitoring for the NROC Reserves in Central Orange County <u>Nature Reserves of Orange County #07-03</u>	Nature Reserves of Orange County	2/08 to 12/08
Deutschman DH , J Franklin, R Lewison. Improving Statistical Sampling for the San Diego MSCP. CA Department of Fish and Game # P0685105	CA Dept of Fish and Game	2/07 to 1/08

GRADUATE STUDENTS

ECOLOGY PHD STUDENTS, CHAIR

1. Jessica Braswell (2007). Response of the small mammal community to natural and anthropogenic disturbances. (*Faculty Member, Queens University of Charlotte, NC*)
2. Marie Moreau (2007). Ecotoxicology and Temporal Trends of Arsenic and Selenium in a Saline and Eutrophic Lake in California. (*Lecturer, San Diego City College, San Diego State University*)
3. Jennifer Lansing (2003). Diversity and Abundance of Microrhizal Assemblages in Different Ecosystems. (*postdoctoral research, UC Riverside*)

ECOLOGY MS STUDENTS, CHAIR

1. Kellie Uyeda (2010) Abiotic limitation of invasive plants in the high salt marsh transition zone (*PhD Student, SDSU Geography Department*)
2. Wendy Kozlowski (2008) Pigment derived phytoplankton composition along the western Antarctic Peninsula. (*Research Scientist, UCSD*)
3. A. Laurie Harvey (2008) California brown pelican nesting parameters, prey distributions, and oceanographic conditions from 1986-2005. (*Seabird Biologist, Channel Islands National Park*)
4. Paul Schuette (2007) Carnivore community response to a large wildfire in San Diego county, California. (*PhD Student, Montana State*)
5. Mark Mendelsohn (2005) Occurrence of the greater roadrunner (*Geococcyx californianus*) in fragmented southern California habitat patches (*Ecologist, USGS*)
6. Spring Strahm (2005) Spatial pattern and invasion before and after fire in California coastal sage scrub (*SDSU Field Station, Reserve Managers SMER*).
7. Dan Marchalek (2004) Factors influencing population viability of Hermes copper (*Lycaena hermes*). (*PhD Student, Wisconsin*).
8. Elizabeth Reynolds (2004) American three-toed woodpecker response to spatial patterns of burn severity and prey availability (*Ecologist, USGS*).
9. Kevin Cummins (2003) Factors in the control of parasite populations that have abundant hosts: *Cuscuta salina* in the salt marsh. (*SDSU Master's program in Statistics*)
10. Yu, Jeannie (2003) Influence of social organization on scatterhoarding in the Steller's jay (*Cyanocitta stelleri*).
11. John Chalekian (2002). Pattern and process in a California sage scrub (CSS) community: the effects of local interactions.
12. Zach Principe (2002). Factors affecting Engelmann oak (*Quercus engelmannii*) regeneration.
13. Bonnie Peterson (2002). The effects of nest concealment, habitat edge and adjacent land use on nest predation of the Least Bell's Vireo (*Vireo bellii pusillus*).
14. KM Ward (2000). Episodic colonization of an intertidal mudflat by Cordgrass (*Spartina foliosa*) at Tijuana Estuary.

Served on PhD and MS committees for 34 other graduate students at SDSU since 1997

EXAMINER

PhD Qualifying Exam (SDSU and UC Davis Joint Doctoral Program)

Cove Sturtevant (2010)	Hiroki Ikawa (2010)
Cheryl Laskowski (2008, Exam Chair)	Megan Jennings (2008, Exam Chair)
Francis Bozzolo (2008)	Donatella Zona (2007)
Dean Leavitt (2007)	Dawn Lawson (2006, Exam Chair)
Kirstin Skadberg (2005, Exam Chair)	Laura Carney (2005)
Rommel Zulueta (2005)	Hongyan Lou (2004)
Emily Floyd (2004)	Hywojung Kwon (2004)
Yonghai Qian (2004)	Matt Rahn (2003, Exam Chair)
Amy Larson (2003)	

ACADEMIC SERVICE

Reviewer

Journal of Ecology
Ecological Applications
National Science Foundation
PhD External Examiner, University of New England (Australia)

Science Advisory Board Member

Pacific Pocket Mouse Monitoring Team (USGS, US Fish and Wildlife)
Impact of Tracked Vehicles on Endangered Fairy Shrimp at Camp Pendleton
(Marine Corps and EDAW)
Western Riverside Stephens' Kangaroo Rat Monitoring Team (US Fish and Wildlife)

Service to the Community

Certified Instructor, r.a.d.KIDS, Children's Self Defense and Personal Safety Training, 2003-2008
Judge, Student Science Fair, Hearst Elementary School, 2006, 2008
Secretary, School Site Council, Hearst Elementary School, 2006, 2007
Secretary, Site Governance Team, Hearst Elementary School, 2006, 2007