

CURRICULUM VITAE

ESTEBAN FERNÁNDEZ-JURICIC

Assistant Professor

Address: Department of Biological Sciences
California State University, Long Beach
Peterson Hall 1-109
1250 Bellflower Blvd
Long Beach, CA 90840, USA

US status: Permanent Resident

Phone number: 562-985-7597

Fax number: 562-985-8878

E-mail: efernand@csulb.edu

Website: <http://www.csulb.edu/~efernand/>

Lab website: <http://www.csulb.edu/web/labs/bcl/>

ACADEMIC PREPARATION AND HONORS

Undergraduate education 1990 – 1995
Degree obtained: Biologist
With Honors
University of Córdoba, *ARGENTINA*.

Graduate education 1996 – 2000
Degree obtained: Philosophy Doctor (Ph.D.)
Department of Animal Biology I
Universidad Complutense de Madrid, *SPAIN*.

Post-doctoral studies 2000 – 2001
Alex Kacelnik's Group. Department of Zoology. University
of Oxford. *UNITED KINGDOM*.

2001 – 2003
Dave Stephens' Group. Department of Ecology, Evolution
and Behaviour. University of Minnesota. *UNITED STATES
OF AMERICA*.

Research areas: behavioral ecology, visual ecology, conservation biology

Professional Activities

PREVIOUS POSITIONS

- December 1994 – February 1995 Research Project Manager at Peninsula Valdes, Argentina. Wildlife Conservation International and Minority International Research Training Program (National Science Foundation, USA).
- March 1996 – November 1996 Lecturer. University of Córdoba, Argentina.
- January 1996 – November 1996 Assistant Professor. The Open University, Córdoba, Argentina.
- March 1996 – November 1996 Endangered species Project Director. The Open University, Córdoba, Argentina.
- June 1998 – December 1999 Project Consultant (ARAUCARIA Program for biodiversity conservation in Latin America). Pangea Consultores and Spanish Agency for International Cooperation, Madrid, Spain.
- January 1999 – May 2000 Director (Urban Ecology Group). Madrid, Spain.
- June 2000 – October 2001 Research Associate at the Department of Zoology, University of Oxford (United Kingdom).
- October 2001 – July 2003 Research Associate at the Department of Ecology, Evolution and Behavior (University of Minnesota, USA).

PRESENT POSITION (from August 2003 to present): Assistant Professor, Department of Biological Sciences, California State University Long Beach (USA)

AWARDS

- 1995 Young Biologist Award. Municipality of Córdoba, Argentina.
- 1995 Honorary Mention, Highest Score of Biological Sciences Career. University of Córdoba, Argentina.
- 1998-2000 Doctoral fellowship. Funding agency: Spanish Agency for International Cooperation, Spain.
- 2000-2001 Post-doctoral fellowship. University of Oxford, UK. Funding agency: National Research Council, Argentina.

2001-2003 Post-doctoral fellowship. University of Minnesota, USA. Funding agency: “la Caixa” Foundation, Spain. Awarded by Juan Carlos I, King of Spain.

SCHOLARLY ACTIVITIES

AWARDED RESEARCH GRANTS

- 1996 Bird Life International & “Asociacion Ornitologica del Plata” (Argentina). Role: PI. Vocalizations of parrots in the Argentinean Chaco.
- 1997 “Ministerio de Cultura y Educacion”, Argentina. Role: PI. Human-wildlife interactions in protected areas: the role of behavior to predict wildlife responses.
- 1999 Queen Sofia Grant, Spain. Role: PI. Urban sprawl as forest fragmentation agent in natural landscapes.
- 2000 Municipality of Madrid, Spain. Role: PI. Wooded streets as wildlife corridors in urban environments.
- 2000 “Consejo Nacional de Investigaciones Cientificas y Tecnicas”, Argentina. Role: PI. The evolutionary role of neighbor distance in social foraging.
- 2001/2002 “la Caixa” Foundation, Spain. Role: PI. Effects of visual perception on the coordination of vigilance behavior.
- 2003 Scholarly and Creative Activities Committee (California State University Long Beach): Mini-grant. Role: PI. Group size vs. neighbor distance: which drives the changes in feeding and vigilant behavior in animal groups?
- 2004/2005 USDA Forest Service Grant. Role: PI. Impacts of Spatial and Temporal Patterns of Human Activity on Animals.
- 2005-2006 British Petroleum Leader Award. Role: Co-PI. Responses of wildlife to patterns of human recreation. Implications for the development of a green corridor in Chicago.
- 2004-2005 Howard Hughes Medical Institute support for undergraduate research (2 students)
- 2005 Southern California Academy of Sciences (Research Training Program)

support for young scientist research projects.

- 2005-2006 Scholarly and Creative Activities Committee (California State University Long Beach): Release Time. Role: PI. Developing a management tool to balance increasing recreational activities in protected areas with wildlife conservation
- 2006 Scholarly and Creative Activities Committee (California State University Long Beach): Mini-grant. Role: PI. How do birds see the world? Effects of visual perception on acquiring information about predation
- 2006 Mini-grant Department of Biological Sciences (California State University Long Beach). Role: PI. Inter-specific differences in avian visual fields.
- 2006-2007 Bureau of Reclamation. Department of Interior. Role: PI. Identification of individual and population level variation in Southwestern Willow Flycatcher (*Empidonax traillii extimus*) vocalizations: applications for tracking individuals in time and space.
- 2006-2007 Orange County Vector Control District. Role: PI. Genetic variability and gene flow in house finch populations in Orange County: implications for the spread of West Nile Virus.
- 2006-2007 USDA/APHIS/WS - National Wildlife Research Center. Role: PI. Visual acuity and visual fields of two bird species implicated in bird-aircraft collisions: Brown-headed Cowbird and Mourning Dove.
- 2006-2007 Research Initiative for Scientific Enhancement (RISE) Program (NHI) support for undergraduate research (1 student).
- 2006-2009 Beckman Scholars Program to support research activities of outstanding undergraduates. Role: Research Associate.

PENDING GRANT PROPOSALS

- NSF Role: PI. The effects of the trade-off between visual acuity and visual fields on anti-predator behavior in social foraging birds.
- NHI Role: PI. Developing an alternative animal model system to study the biological basis of visual social perception.
- Bolsa Chica Conservancy Role: PI. How birds make use of native and non-native habitats during restoration projects in the Bolsa Chica Ecological Reserve.
- Christchurch Role: PI. Avoidance responses of birds in different grass heights:

International Airport, implications for bird-aircraft collisions.
New Zealand

PUBLICATIONS

(* indicates undergraduate student participating as co-author)

Papers published in peer-reviewed scientific journals (58):

Fernández-Juricic, E., E.V. Alvarez & M.B. Martella. 1997. Seasonal variation in the abundance of the Blue-crowned Conure (*Aratinga acuticaudata*) in the Chancaní Reserve, Córdoba, Argentina. *HORNERO* 14:259-262. (In Spanish with summary in English)

Fernández, J.L., J.D. Perez Ávila, R. Pinkevicius, M. de la Colina, J. Gómez & E. **Fernández-Juricic.** 1997. Response to treatments with neoadjuvancy and surgery of patients with no-small lung cancer (stages IIIa and IIIb). *REVISTA ARGENTINA DE CIRUGÍA* 73:6-8. (In Spanish with summary in English)

Fernández-Juricic, E., E.V. Alvarez & M.B. Martella. 1998. Vocalizations of the Blue-crowned Conure (*Aratinga acuticaudata*) in the Chancaní Reserve, Córdoba, Argentina. *ORNITOLOGÍA NEOTROPICAL* 9:31-40.

Fernández-Juricic, E., M.B. Martella & E.V. Alvarez. 1998. Vocalizations of the Blue-fronted Amazon (*Amazona aestiva*) in the Chancaní Reserve, Córdoba Argentina. *WILSON BULLETIN* 110: 352-361.

Fernández-Juricic, E., E.V. Alvarez & M.B. Martella. 1998. Current status of the Blue-fronted Amazon in the Chancaní Reserve, Córdoba, Argentina. *ARDEOLA* 45:77-82. (In Spanish with summary in English)

Fernández-Juricic, E., C. Campagna, V. Enriquez & C.L. Ortiz. 1999. Vocal communication and individual recognition in breeding south american sea lions. *BEHAVIOUR* 136: 495-517.

Fernández-Juricic, E. & J.L. Tellería. 1999. Recruitment patterns of blackbirds (*Turdus merula*) in urban fragmented populations. *ARDEOLA* 46:61-70.

Fernández-Juricic, E. 2000. Bird community composition patterns in urban parks of Madrid: the role of age, size and isolation. *ECOLOGICAL RESEARCH* 15:373-383.

Fernández-Juricic, E. 2000. Avifaunal use of wooded streets in an urban landscape. *CONSERVATION BIOLOGY* 14:513-521.

Fernández-Juricic, E. 2000. Conservation education: the need for regional

approaches supporting local initiatives. WILDLIFE SOCIETY BULLETIN 28:164-167.

Fernández-Juricic, E. 2000. Local and regional effects of pedestrians on forest birds in a fragmented landscape. CONDOR 102:247-255.

Fernández-Juricic, E. 2000. Fragmentation affects winter flock structure of an insectivorous guild. ARDEA 88: 235-242.

Fernández-Juricic, E. & J.L. Tellería. 2000. Effects of human disturbance on blackbird (*Turdus merula*) spatial and temporal feeding patterns in urban parks of Madrid (Spain). BIRD STUDY 47:13-21.

Fernández-Juricic, E & M.B. Martella. 2000. Structural variation in guttural calls of Blue-fronted Amazons (*Amazona aestiva*) and their role in short-range communication. WILSON BULLETIN 112:35-43.

Fernández-Juricic, E. 2001. Density dependent habitat selection of corridors in a fragmented landscape. IBIS 143:278-287.

Tellería, J.L., J. Pérez-Tris, A. Ramírez*, E. **Fernández-Juricic** & R. Carbonell. 2001. Distribution of robins (*Erithacus rubecula*) in wintering grounds: effects of conspecific density, migratory status and age. ARDEA 89:363-373.

Fernández-Juricic, E., C. Campagna, V. Enriquez, & C.L. Ortiz. 2001. The effects of social contexts on South American sea lion male vocal rates. MARINE MAMMAL SCIENCE 17:387-396.

Fernández-Juricic, E. 2001. Avian spatial segregation at edges and interiors of urban parks in Madrid, Spain. BIODIVERSITY AND CONSERVATION 10: 1303-1316.

Fernández-Juricic, E. & J. Jokimäki. 2001. A habitat island approach to conserving birds in urban landscapes: case studies from southern and northern Europe. BIODIVERSITY AND CONSERVATION 10:2023-2043.

Fernández-Juricic, R. Sanz* & E.A. Sallent*. 2001. Frequency-dependent predation by wild birds at edges and interiors of woodland. BIOLOGICAL JOURNAL OF THE LINNEAN SOCIETY 73:43-49.

Fernández-Juricic, E., M.D. Jimenez* & E. Lucas*. 2001. Alert distance as an alternative measure of bird tolerance to human disturbance. Implications for park design. ENVIRONMENTAL CONSERVATION 28:263-269.

Alonso, W.J. & E. **Fernández-Juricic**. 2002. Regional network raises profile of small journals. NATURE 415:471-472. (Correspondence section)

- Fernández-Juricic**, E. 2002. Can human disturbance promote nestedness? A case study with birds in an urban fragmented landscape. *OECOLOGIA* 131:269-278.
- Fernández-Juricic**, E. 2002. Nested patterns of species distribution and winter flock occurrence of insectivorous birds in a fragmented landscape. *ECOSCIENCE* 9: 450-458.
- Fernández-Juricic**, E., M.D. Jimenez* & E. Lucas*. 2002. Factors affecting intra- and inter-specific variations in the difference between alert and flight distances in forested habitats. *CANADIAN JOURNAL OF ZOOLOGY* 80:1212-1220.
- Fernández-Juricic**, E., W.J. Alonso & C. Schuck-Paim. 2002. Peer-review to select academic job applicants. *NATURE* 420:16. (Correspondence section)
- Fernández-Juricic**, E., A. Sallent*, R. Sanz* & I. Rodríguez-Prieto. 2003. Testing the risk-disturbance hypothesis in a fragmented landscape: nonlinear responses of House Sparrows to humans. *CONDOR* 105: 316-326.
- Cassini, M.H. & E. **Fernández-Juricic**. 2003. Costs and benefits of joining South American sea lion breeding groups: testing the assumptions of a model on female breeding dispersion. *CANADIAN JOURNAL OF ZOOLOGY* 81: 1154-1160.
- Fernández-Juricic**, E. & N. Schroeder*. 2003. Do variations in scanning behaviour affect tolerance to human disturbance? *APPLIED ANIMAL BEHAVIOUR SCIENCE* 84:219-234.
- Fernández-Juricic**, E., C. Campagna & D. San Mauro*. 2003. Variations in the arrangement of South American sea lion male vocalizations during the breeding season: patterns and contexts. *AQUATIC MAMMALS* 29: 289-296.
- Cassini, M.H., D. Szteren & E. **Fernández-Juricic**. 2004. Fence effects on the behavioural responses of South American fur seals towards tourist approaches. *JOURNAL OF ETHOLOGY* 22: 127-133.
- Fernández-Juricic**, E., J.T. Erichsen & A. Kacelnik. 2004. Visual perception and social foraging in birds. *TRENDS IN ECOLOGY AND EVOLUTION* 19: 25-31.
- Fernández-Juricic**, E., R. Vaca* & N. Schroeder*. 2004. Spatial and temporal responses of forest birds to human approaches in a protected area and implications for two management strategies. *BIOLOGICAL CONSERVATION* 117: 407-416.
- Fernández-Juricic**, E., S. Siller & A. Kacelnik. 2004. Flock density, social foraging and scanning: an experiment with starlings. *BEHAVIORAL ECOLOGY* 15: 371-379.

Fernández-Juricic, E. 2004. Spatial and temporal analysis of the distribution of forest specialists in an urban-fragmented landscape (Madrid, Spain). Implications for local and regional bird conservation. *LANDSCAPE AND URBAN PLANNING* 69: 17-32.

Stephens, D.W., B. Kerr & E. **Fernández-Juricic**. 2004. Impulsiveness without discounting: the ecological rationality hypothesis. *PROCEEDINGS OF THE ROYAL SOCIETY OF LONDON B* 271: 2459-2465.

Fernández-Juricic, E. & A. Kacelnik. 2004. Information transfer and gain in flocks: the effects of quantity and quality of social information at different neighbour distances. *BEHAVIORAL ECOLOGY AND SOCIOBIOLOGY* 55: 502-511.

Beauchamp, G. & E. **Fernández-Juricic**. 2004. Is there a relationship between forebrain size and flock size in birds? *EVOLUTIONARY ECOLOGY RESEARCH* 6: 833-842.

Fernández-Juricic, E., B. Kerr, P.A. Bednekoff, D.W. Stephens. 2004. When are two heads better than one? Visual perception and information transfer affect vigilance coordination in foraging groups. *BEHAVIORAL ECOLOGY* 15: 898-906.

Blumstein, D.T., E. **Fernández-Juricic**, O. LeDee, E. Larsen, I. Rodriguez-Prieto* & C. Zugmeyer. 2004. Avian risk assessment: effects of perching height and detectability. *ETHOLOGY* 110: 273-285.

Fernández-Juricic, E., J. Jokimäki, J. McDonald*, F. Melado*, A. Toledano*, C. Mayo*, B. Martín*, I. Fresneda* & V. Martín*. 2004. Effects of opportunistic predation on anti-predator behavioral responses in a guild of ground foragers. *OECOLOGIA* 140: 183-190.

Blumstein, D.T. & E. **Fernández-Juricic**. 2004. Emergence of conservation behavior. *CONSERVATION BIOLOGY* 18: 1175-1177.

Rodríguez-Prieto, I. & E. **Fernández-Juricic**. 2005. Effects of direct human disturbance on the endemic Iberian frog *Rana iberica* at individual and population levels. *BIOLOGICAL CONSERVATION* 123: 1-9.

Fernández-Juricic, E., R. Smith & A. Kacelnik. 2005. Increasing the costs of conspecific scanning in socially foraging starlings affects vigilance and foraging behaviour. *ANIMAL BEHAVIOUR* 69: 73-81.

Jokimäki, J., Kaisanlahti-Jokimäki, M.-L., Sorace, A., **Fernández-Juricic**, E. Rodríguez-Prieto*, I. & M.D. Jimenez*. 2005. Evaluation of the “safe nesting zone” hypothesis across an urban gradient: a multi-scale study. *ECOGRAPHY* 28: 59-60.

- Beauchamp, G. & E. **Fernández-Juricic**. 2005. The group size paradox: effects of learning and patch departure rules. *BEHAVIORAL ECOLOGY* 16: 352-357.
- Fernández-Juricic**, E., P. Venier*, D. Renison & D.T. Blumstein. 2005. Sensitivity of wildlife to spatial patterns of recreationist behavior: a critical assessment of minimum approaching distances and buffer areas for grassland birds. *BIOLOGICAL CONSERVATION* 125: 225-235.
- Blumstien, D.T., E. **Fernández-Juricic**, P.A. Zollner & S.C. Garity. 2005. Inter-specific variation in avian responses to human disturbance. *JOURNAL OF APPLIED ECOLOGY* 42: 943-953.
- Fernández-Juricic**, E., R. Poston, K. De Collibus, T. Morgan, B. Bastain, C. Martin, K. Jones & R. Treminio. 2005. Microhabitat Selection and Singing Behavior Patterns of Male House Finches (*Carpodacus mexicanus*) in Urban Parks in a Heavily Urbanized Landscape in the Western U.S. *Urban Habitats* 3 (2): ISSN 1541-7115. http://www.urbanhabitats.org/v03n01/finch_pdf.pdf
- Devereux, C.L., M.J. Whittingham, E. **Fernández-Juricic**, J.A. Vickery & J.R. Krebs. 2006. Predator detection and avoidance by starlings under differing scenarios of predation risk. *BEHAVIORAL ECOLOGY* 17: 303-309.
- Fernández-Juricic**, E., N. Gilak*, J.C. McDonald*, P. Pithia* & A. Valcarcel*. 2006. A dynamic method to study the transmission of social foraging information in flocks using robots. *ANIMAL BEHAVIOUR* 71: 901-911.
- Devereux, C.L., M.J. Whittingham, J.R. Krebs, E. **Fernández-Juricic** & J.A. Vickery. 2006. What attracts birds to newly mown pasture? Decoupling the action of mowing from the provision of short swards. *IBIS* 148: 302-306.
- Fernández-Juricic**, E., D.T. Blumstein, G. Abrica*, L. Manriquez*, L. Bandy Adams*, R. Adams*, M. Daneshrad* and I. Rodríguez-Prieto. 2006. Relationships of anti-predator escape and post-escape responses with body mass and morphology: a comparative avian study. *EVOLUTIONARY ECOLOGY RESEARCH* 8: 731-752.
- Rodríguez-Prieto, I. E. **Fernández-Juricic** & J. Martín. 2006. Anti-predator behavioral responses of mosquito pupae to aerial predation risk. *JOURNAL OF INSECT BEHAVIOR* 19: 373-381.
- Devereux, C.L., J.A. Vickery, E. **Fernández-Juricic**, J.R. Krebs & M.J. Whittingham. 2006. Does sward density affect prey availability for grassland birds? *AGRICULTURE, ECOSYSTEMS AND ENVIRONMENT* 117: 57-62.
- Snellen, C.L., P.J. Hodum & E. **Fernández-Juricic**. *In press*. Assessing western

gull predation on purple sea urchins in the rocky intertidal using optimal foraging theory. CANADIAN JOURNAL OF ZOOLOGY.

Heil*, L., E. **Fernández-Juricic**, D. Renison, A. Cingolani & D. T. Blumstein. *In Press*. Avian responses to tourism in the biogeographically isolated high Córdoba Mountains, Argentina. BIODIVERSITY AND CONSERVATION.

Fernández-Juricic, E., G. Beauchamp & B. Bastain. *In press*. Group-size and distance-to-neighbor effects on feeding and vigilance in Brown-headed Cowbirds. ANIMAL BEHAVIOUR.

Chapters in books (2):

Fernández-Juricic, E., M.D. Jimenez* & E. Lucas*. 2001. Bird tolerance to human disturbance in urban parks of Madrid. Spain. Management Implications. Avian Ecology and Conservation in an Urbanizing World (eds J. M. Marzluff, R. Bowman & R. Donnelly), pp. 261-275. Kluwer Academic, Norwell, MA, USA.

Fernández-Juricic, E. *In press*. Urban Wildlife. In: The Encyclopedia of Applied Animal Behaviour & Welfare. CAB International, Wallingford, UK.

Media publications (6)

Fernández-Juricic, E. & E.V. Alvarez. 1995. Parrots in the mist. Nuestras Aves XIII, 32: 22. (Argentina) (in Spanish)

Fernández-Juricic, E. 1997. The language of the Southern sea lion. Biológica 10:22-23. (Spain) (in Spanish)

Fernández-Juricic, E. 1997. Parrots in Córdoba. Naturaleza & Conservación 1(2):22. (Argentina) (in Spanish)

Fernández-Juricic, E. 1998. Blue-fronted Amazons in the wild: a field study in Argentina. The Amazona Quarterly 14:5-7. (USA)

Fernández-Juricic, E. 1999. Wild sounds of a garrulous parrot: Blue-fronted Amazons. The Amazona Quarterly 15: 7-10. (USA)

Fernández-Juricic, E. 1999. Saving the Blue-fronted Amazon at its southern limit: an environmental education approach. ENDANGERED SPECIES UPDATE 16:74-77.

Extension publications (4)

Fernández-Juricic, E., A.I. Siriczman & E. Alvarez. 1995. Ecology of marine mammals. Publication N° 4. The Open University. Argentina. (In Spanish)

Fernández-Juricic, E. & R. Miatello. 1996. Blue-fronted amazons in Córdoba. Publication N° 8. The Open University. Córdoba, Argentina. (In Spanish)

Fernández-Juricic, E. & L. Martín. 1996. Conservation biology. Publication N°7 The Open University. Argentina. (In Spanish)

Fernández-Juricic, E. & M. Sironi. 1996. Conservation and marine mammals. Publication N° 5 The Open University. Argentina. (In Spanish)

Manuscripts currently in revision in peer-reviewed scientific journals

Fernandez-Juricic, E. & E. Tran*. Changes in vigilance and foraging behaviour with light intensity and their effects on food intake and predator detection in house finches.

Fernández-Juricic, E., P.A. Zollner, C. LeBlanc & L.M. Westphal. Responses of nestling Black-Crowned Night Herons (*Nycticorax Nycticorax*) to aquatic and terrestrial recreational activities: a manipulative study.

Fernández-Juricic, E. & M.H. Cassini. Intra-sexual female agonistic behaviour of the South American sea lion (*Otaria flavescens*) in two colonies with different breeding substrates.

PRESENTATIONS AT CONFERENCES (since 2002)

- Devereux, C.L., Whittingham, M.J., **Fernandez-Juricic**, E., Vickery, J.A. & Krebs, J.R. 2002. Sward height and flock dispersal influence foraging decisions of starlings. International Ornithological Conference 2002, Beijing (China). Poster.

- **Fernández-Juricic**, E. R. Vaca* and N. Schroeder*. 2003. Spatial and temporal responses of forest birds to human disturbance and management implications for coexistence. Society for Conservation Biology Annual Meeting, Duluth (USA). Oral presentation.

- **Fernández-Juricic**, E. 2004. Avian conservation in fragmented urban landscapes: the effects of secondary fragmentation through human disturbance. Society for Conservation Biology Annual Meeting, New York (USA). Oral presentation.

- Cassini, M.H. & E. **Fernández-Juricic**. 2004. Un método nuevo para estimar la intensidad del comportamiento agresivo en colonias de pinipedios. XIX Jornadas Argentina de Mastozoología, Puerto Madryn (Argentina). Oral presentation.

- De Collibus*, K., C. Martin*, D. Rodriguez*, & E. **Fernández-Juricic** 2004. Does urban noise interfere with the vocal communication system of House Finches (*Carpodacus mexicanus*) during the breeding season? Southern California Conference on

Undergraduate Research, Whittier College (USA). Poster.

- Manriquez*, L., V. Nguyen*, D.T. Blumstein & E. **Fernández-Juricic**. 2004. Predator avoidance and avian morphology: size does matter. Southern California Conference on Undergraduate Research, Whittier College (USA). Poster.

- Tran*, E. & E. **Fernández-Juricic**. 2004. Is it really better to follow the crowd? Foraging-refuge decision-making in social foraging scenarios. College of Natural Sciences and Mathematics Student Research Symposium, California State University Long Beach, Long Beach (USA). Poster.

- Failla*, M., M.A. Iniguez, E. **Fernandez-Juricic** & V. Tossenberger. 2004. Effect of vessel traffic on Commerson's dolphin (*Cephalorhynchus commersonii*) in Bahia San Julian, Patagonia, Argentina. Annual International Whaling Commission Meeting, Cambridge (UK). Oral presentation.

- Venier*, M.P., D. Renison & E. **Fernández-Juricic**. 2004. Distancias mínimas de acercamiento para aves afectadas por el turismo en las Sierras Grandes de Córdoba, Argentina. Congreso de Ecología, Mendoza (Argentina). Poster.

- Tran*, E. & E. **Fernández-Juricic**. Mechanisms of flock cohesion in heterogeneous patches: compensatory changes in scanning behavior with light intensity and their effects on food intake and predator detection. Animal Behavior Society Meeting, Snowbird, Utah (USA). Poster.

- **Fernández-Juricic**, E., N. Gilak*, J.C. McDonald* & P. Pithia*. 2005. A novel method to study the transmission of social foraging information in flocks using robots. Animal Behavior Society Meeting, Snowbird, Utah (USA). Oral Presentation.

- Dougherty*, C.O., K.L. Jones* & E. **Fernández-Juricic**. 2005. Do More Economic Resources and Less Human Disturbance Really Make a Difference in Bird Conservation in California? Southern California Conference on Undergraduate Research, University of California Riverside (USA). Poster.

- Wray*, S., T. Hardy*, G. Abrica*, M. Nagata*, M. Head* & E. **Fernández-Juricic**. 2005. Effects of wing morphology on anti-predator escape responses: a comparative study with birds Southern California Conference on Undergraduate Research, University of California Riverside (USA). Poster.

- **Fernández-Juricic**, E. 2006. Group-size effects on feeding and vigilance vary with neighbor distance in brown-headed cowbirds. California Animal Behavior Symposium, University of California San Diego (USA). Oral Presentation.

- Snellen, C. & E. **Fernández-Juricic**. 2006. Foraging efficiency of western gulls feeding on purple sea urchins in the rocky intertidal. California Animal Behavior Symposium, University of California San Diego (USA). Poster.

- Poston, R., A. del Nevo & E. **Fernández-Juricic**. 2006. Individual variation in the calls of southwestern willow flycatchers California Animal Behavior Symposium, University of California San Diego (USA). Poster.
- Sanchez* Jr., F., T. Dolan & E. **Fernández-Juricic**. 2006. Could visual lateralization be affected by ganglion cell density? A study with European starlings. Bridges to the Baccalaureate Summer Research Symposium. California State University Long Beach (USA). Poster.
- Sanchez*, J., V. Tisdale & E. **Fernández-Juricic**. 2006. Does visual acuity affect the detection of predators in a flock? Bridges to the Baccalaureate Summer Research Symposium. California State University Long Beach (USA). Poster.
- Morgan*, T.J. & E. **Fernández-Juricic**. 2006. The effects of predation risk, food availability, and population abundance on optimal group size in Brown-headed Cowbirds. Animal Behavior Society Meeting, Snowbird, Utah (USA). Poster.
- **Fernández-Juricic**, E., V. Tisdale & T. Dolan. 2006. Predator detection abilities vary in species with different visual acuity: a case study with house sparrows and European starlings. Animal Behavior Society Meeting, Snowbird, Utah (USA). Oral Presentation.
- Mace*, C., T. Castille*, E. Zahn & E. **Fernández-Juricic**. 2006. Patch use and buffer areas of the state endangered Belding's Savannah Sparrow (*Passerculus sandwichensis beldingi*) in Los Cerritos Wetland. Southern California Conference on Undergraduate Research, Occidental College (USA). Poster.

RESEARCH STUDENT MENTORING

- | | |
|--------------|---|
| 1995 | Supervision of 2 students from American Universities in research activities in Patagonia, Argentina. Minority International Research Training Program (National Science Foundation, USA). |
| 1998-2001 | Supervision of 16 graduate and undergraduate students in different research projects. Urban Ecology Group, Madrid, Spain. |
| 2001-2003 | Supervision of 6 undergraduate theses. National University of Córdoba, Argentina. |
| 2003 - 2006 | Claire Deveraux (Ph.D. student). Co-supervision with John Krebs and Mark Whittingham. Agricultural intensification and foraging strategies of grassland birds. Department of Zoology, University of Oxford, UK. |
| 2004-present | Iñaki Rodriguez-Prieto (Ph.D. Student). Co-supervision with Jose Martin. The behavioral ecology of habituation effects in lizards. Museo de Ciencias |

Naturales de Madrid, Spain.

STUDENT MENTORING AT CALIFORNIA STATE UNIVERSITY LONG BEACH

- *Undergraduate research students*

Current: 10

Previous: 31

- *Graduate students*

Current: 10

Previous: 1

COLLABORATIVE STUDIES UNDER WAY

- Effects of urban sprawl on gene flow in House Finch populations. With Dr. James Archie (California State University Long Beach) and Dr. James Webb (Orange County Vector Control District, California).

- Can behavioral responses to humans affect wildlife population level processes? With Dr. Patrick Zollner (Purdue University).

TEACHING ACTIVITIES

TEACHING EXPERIENCE BEFORE CALIFORNIA STATE UNIVERSITY LONG BEACH APPOINTMENT

Tertiary level:

1995 National University of Córdoba, Argentina (teaching assistant in Animal Behaviour) (undergraduates).

1995 National University of Córdoba, Argentina (Ecology) (undergraduates).

1996 The Open University, Argentina (Conservation Biology) (undergraduates).

2001 University of Oxford, UK (Research field techniques in animal behavior) (students of the Master of Integrative Biosciences).

Secondary level:

1994 “Instituto San Pablo”, Córdoba, Argentina (Environmental Sciences).

Extra-curricular courses:

1998 “Instituto Piramides”, Madrid, Spain (Biometry).

1995-1996 The Open University, Córdoba, Argentina (Marine mammal conservation, Conservation biology, Marine mammals: ecology and evolution).

TEACHING ASSIGNMENTS AT CALIFORNIA STATE UNIVERSITY LONG BEACH

- Behavioral Ecology
- Ornithology
- General Ecology
- Field Methods in Ecology
- Biostatistics
- Principles of research design (for graduate students)
- Seminar on Animal Behavior and Conservation Biology
- Seminar on Cognitive Ecology

DEVELOPMENT OF NEW COURSES IN THE BIOLOGY CURRICULA AT CALIFORNIA STATE UNIVERSITY LONG BEACH

Methods in Avian Ecology and Conservation

INVITED SEMINARS

- Departmental Seminar, University of Córdoba, Argentina, 1995.
- Training Workshop, Zoological Park, Córdoba, Argentina, 1995.
- Institute San Martin, Córdoba, Argentina, 1995.
- Marine Mammal Conservation Symposium, The Open University, Argentina, 1996.
- Departmental Seminar, Universidad Complutense de Madrid, Spain, 1998.
- Training Workshop for Project Leaders of the ARAUCARIA Program, Madrid, Spain, 1999.
- Management of Protected Areas Symposium, Sevilla, Spain, 2000.
- BALAENA, Universidad Complutense de Madrid, Spain, 2000.
- Center for Applied Zoology, Córdoba, Argentina, 2000.
- Departmental Seminar, University of Oxford, UK, 2000.
- Departmental Seminar, University of Northampton, UK, 2001.
- Departmental Seminar, University of Buenos Aires, Argentina, 2001.
- Urban Ecology Symposium, Buenos Aires, Argentina, 2001.
- Seminar, North Central Research Station, USDA Forest Service, WI, USA, 2002.
- Departmental Seminar, University of Minnesota, USA, 2002
- Departmental Seminar, University of Montreal, Canada, 2002.
- Departmental Seminar, California State University Long Beach, USA, 2003.
- Departmental Seminar, University of California Los Angeles, California, December 2004.
- Departmental Seminar. University of Southern California, April, 2005.
- Mountain Yellow-legged Frog Strategy Meeting. Beckman Center for Conservation Research, San Diego, California, April 2005.
- Departmental Seminar, School of Natural Sciences, Ohio State University, November 2005.
- Departmental Seminar, Department of Biological Sciences, California State University Long Beach, September 2005.

- Departmental Seminar, Department of Biological Sciences, San Diego State University, April 2006.
- USDA/APHIS/WS National Wildlife Research Center, Sandusky, Ohio, August 2006.

PROFESSIONAL SERVICE

AD HOC REVIEWER

Conferences

	Location	Year	Abstracts
Society for Conservation Biology Annual Meeting	Duluth – MN -USA	2003	20

Journals

	Country	Years	Manuscripts
American Naturalist	USA	2002-2004	3
Animal Behaviour	USA/UK	2004-2006	8
Animal Biodiversity and Conservation	Spain	2004	1
Animal Conservation	USA	2005-2006	2
Applied Animal Behaviour Science	UK	2005	1
Aquatic Mammals	USA	2004	2
Behavioral Ecology	USA	2004-2006	4
Behavioral Ecology and Sociobiology	USA	2004	1
Biodiversity and Conservation	The Netherlands	2004	1
Biological Conservation	UK	2005-2006	3
Canadian Journal of Zoology	Canada	2003-2004	2
Condor	USA	2002-2003	2
Conservation Biology	USA	2004-2006	3
Ecography	Sweden	2002/2004	2
Ecology	USA	2002	1
Ecology Letters	UK	2006	1
El Hornero	Argentina	2004	1
Environmental Conservation	UK	2001/2004	2
Ethology	USA	2000-2001	2
Ibis	UK	2005	1
Journal of Animal Ecology	UK	2000-2001/2006	4
Journal of Zoology	UK	2006	1
Journal of Wildlife Management	USA	2004	3
Landscape and Urban Planning	USA	2004-2006	3
Landscape Ecology	USA	2006	2

Naturwissenschaften	Germany	2005	1
Oikos	Finland	2004	1
Ornis Fennica	Finland	2000-2004	4
Polar Biology	USA	2004	1
Urban Habitats	USA	2006	1
Wilson Bulletin	USA	2000 -2002	2

Funding Agencies

	Country	Years	Proposals
Georgian-U.S. Bilateral Grants Program. U.S. Civilian Research & Development Foundation	USA	2002	1
NERC (Natural Environment Research Council)	UK	2003	1
National Science Foundation	USA	2004-2006	18
The Royal Society of London ('Dorothy Hodgkin Fellowship)	UK	2004	1
Fundacion BBVA	Spain	2004	1
Agencia Nacional de Promoción Científica y Tecnológica	Argentina	2004	1
National Geographic Society	USA	2005	1

Review panels

- Animal Behavior Panel, National Science Foundation. Washington DC, October 2006.

COMMITTEE INVOLVEMENT AT CALIFORNIA STATE UNIVERSITY LONG BEACH

- Ad-hoc committee to evaluate graduate program for the Department of Biological Sciences Self-Study (spring 2005).
- Ad-hoc search committee for a Neurobiologist at the Department of Biological Sciences, California State University Long Beach (fall 2005).
- Ad-hoc committee for the elaboration of the Policies and Regulations of the Vertebrate Museum (spring 2005).
- Ad-hoc committee to assess changes in the Curriculum of the Environmental Science and Policy program (fall 2005).
- Graduate Studies Committee (fall 2006 – spring 2008)
- Senator representing the Department of Biological Sciences at the Academic Senate (fall 2006 – spring 2007).
- Thesis committee member of ten graduate students in the Department of Biological Sciences (2003 – 2006).

MISCELLANEOUS

- Organizer: International Conference on Conservation Biology in Latin America (March 1999, Madrid, Spain).
- Co-organizer: International Course on the Management of Protected Areas (February 2000, Sevilla, Spain).

- Co-organizer: International Course on the Management of Threatened Populations (November 1999, Honduras).
- Recreational Open Space Science and Habitat Conservation Science Advisory Committees for the Green Visions Plan (<http://www.greenvisionsplan.net/>, University of Southern California), 2004-2005.
- Symposium Content Advisor for the spring 2006 symposium (“Conserving birds in human-dominated landscapes: weaving a common future”) organized by the Center for Biodiversity and Conservation at the American Museum of Natural History in New York.

OTHER WORK EXPERIENCE

Research Assistant

- 1999 Winter survey of urban birds in the city of Madrid. Ornithological Spanish Society (SEO), Spain.
- 1994-1996 Diving and foraging behavior of the South American sea lion (*Otaria flavescens*). University of Guelph, Canada, and Centro Nacional Patagonico, Argentina.
- 1995 Comparative study of the vocal behavior of sea lions. University of California at Santa Cruz, USA.
- 1995 Captive breeding program for two parrot species, *Amazona aestiva* and *Amazona brasiliensis*. Zoological Park of Córdoba. Córdoba, Argentina.
- 1994 Reproductive behavior of the Southern sea lion (*Otaria flavescens*) in Peninsula Valdes, Argentina. Museo Argentino de Ciencias Naturales Bernardino Rivadavia, Buenos Aires, Argentina.
- 1994 Health status of Magellanic Penguin populations. Patagonia, Argentina. Wildlife Conservation Society.

Consultant

- 1998 Translation (Spanish-English) of a report about the current status of tuna and swordfish fisheries in Spain. WWF Endangered Seas Campaign (UK) and TRAFFIC Europe.

PROFESSIONAL MEMBERSHIPS

- Animal Behavior Society
- Sigma Xi
- Cooper Ornithological Society