

# Brian Ramos Güivas

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## EDUCATION

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### **Master's of Science, Biology, July 2013**

University of Puerto Rico, Mayagüez

Animal behavior and conservation. “**Potential indicators of reproductive success in captive Puerto Rican parrots (*Amazona vittata*)**”

### **Workshop Pop-link data base record keeping, December 2009**

Lincoln Park Zoo, Chicago Il.

### **Bachelor's of Science, Biology, 1999**

University of Puerto Rico, Mayagüez

## RESEARCH INTERESTS

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- Applying animal behavior to conservation efforts of endangered species
- Avian reproduction and communication in wild and captivity (mate role in monogamous species)
- Mate choice of monogamous species
- Consequences of human disturb on avian reproduction behavior (breeding success, mate selection and courtship behavior) and communication
- Animal communication (the influence of dialects on reintroductions)
- Sibling competition

## GOALS

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Educational

- Earn a Ph.D. integrating Behavior and Conservation.

## Professional

- Work in conservation of endangered species in academia, government or an N.G.O.

## EXPERIENCE

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2003 – present: Biologist II

Puerto Rican parrot (*Amazona vittata*) recovery program, Puerto Rican Department of Natural and Environmental Resources.

- Participate in decision making for the program
- Select behaviorally and genetically compatible naturally-bonded breeding pairs
- Select individuals for the reintroduction program
- Assist veterinarians
- Keep records in Pop-link database
- Conduct outreach to public
- Work with wild population to maximize nesting success

Achievements of the program during my tenure

- Largest percentage (100%) of natural bonded new breeding pairs laying eggs (2005 breeding season) at the Aviary José Luis Vivaldi Lugo. Record number of chicks (36) produced by naturally bonded pairs in one breeding season (2012) at the Aviary José Luis Vivaldi Lugo

1999 – 2003 Biologist I

Puerto Rican parrot (*Amazona vittata*) recovery program. Department of Natural and Environmental Resources of Puerto Rico.

- Select behaviorally and genetic compatible new breeding pairs
- Behavioral observation of individuals
- Veterinary assistance
- Record keeping of parrots
- Public speech and outreach
- Maintenance of breeding areas and flight cages

Achievements

- Record number of fledglings (16) produced to date (2001) at the Aviary José Luis Vivaldi Lugo

June – August 1999 Field Technician

Yellow shouldered black bird (*Agelaius xanthomus*) recovery program. Puerto Rican Department of Natural and Environmental Resources

- Nest searches
- Public outreach
- Record keeping

## PUBLICATIONS

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- Taras K Oleksyk, Jean-Francois Pombert, Wilfried Guiblet, Brian Ramos, Anyimilehidi Mazo, Christina T Ruiz-Rodriguez, Michael L Nickerson, Yashira Afanador, Daniel Siu, Ricardo Valentin, Luis Figueroa, Michael Dean, David M Logue and Juan-Carlos Martinez-Cruzado (2012) **A Locally Funded Puerto Rican Parrot (*Amazona vittata*) Genome Sequencing Project Increases Avian Data and Advances Young Researcher Education** *GigaScience* 2012, 1:14

## PRESENTATIONS

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- July 2011** Ramos, B. and Logue, D. M. **Potential indicator of breeding success in captive Puerto Rican parrots (*Amazona vittata*)**. Joint meeting of the Animal Behavior Society (ABS) and the International Ethological Conference (IEC) will meet at Indiana University, Bloomington, Indiana, USA. Poster presentation.