

CURRICULUM VITAE

Name: **Rodolfo E. Bégué**

Business Address: Children's Hospital
Infectious Diseases
200 Henry Clay Avenue
New Orleans, Louisiana 70118
Phone: (504) 896-9583
FAX: (504) 896-9311
Email: rbegue@lsuhsc.edu

Date of Birth: August 18, 1958



EDUCATION

Elementary and Secondary School:

1963-1975: Colegio San Andrés, Lima, Peru.

Medical School:

Apr. 76 - Mar. 84: Universidad Peruana Cayetano Heredia, School of Medicine. (932 Calle Honorio Delgado. Urbanización Ingeniería, SMP, A.P. 5045, Lima 100, Peru). Including two years of pre-medical and six years of medical studies.

Apr. 83 - Dec. 83: Rotating externship at Hospital Cayetano Heredia. Lima, Peru ten weeks of each of the following rotations: surgery, obstetrics and gynecology, internal medicine, and pediatrics.

Jan. 84 - Mar. 84: Rural Medicine rotation at La Merced Hospital, Chanchamayo. Peru.

June 13, 1984: Obtained degree of Medical Doctor and Surgeon.

Postgraduate Medical Experience:

Oct. 84 - Mar. 85: Rural and Suburban Community Medical Service, Canto Grande Health Center, Lima, Peru.

Nov. 84 - Apr. 86: House Officer at Maison de Santé Private Hospital, Lima, Peru.

Post Graduate Training:

- 1986-1987: **Internship.** Department of Pediatrics, State University of New York Health Science Center at Brooklyn, New York.
- 1987-1989: **Residency.** Department of Pediatrics, State University of New York Health Science Center at Brooklyn, New York.
- 1989-1992: **Fellowship.** Clinical and Research Fellow, Pediatric Infectious Diseases at Brown University and Rhode Island Hospital, Providence, Rhode Island.

CERTIFICATIONS:

- 1984 Educational Commission for Foreign Medical Graduates (**ECFMG**)
- 1990-1997: Diplomate of the American Board of Pediatrics, **Certification in General Pediatrics**, The American Board of Pediatrics.
- 1998-2004: Diplomate of the American Board of Pediatrics, **Recertification in General Pediatrics**, The American Board of Pediatrics.
- 2005-2011: Diplomate of the American Board of Pediatrics, **Recertification in General Pediatrics**, The American Board of Pediatrics.
- 1994-2001: Diplomate in Pediatric Infectious Diseases, **Certification in Pediatric Infectious Diseases**, The American Board of Pediatrics and its Subboard of Pediatric Infectious Diseases.
- 2001-2008: Diplomate in Pediatric Infectious Diseases, **Recertification in Pediatric Infectious Diseases**, The American Board of Pediatrics and its Subboard of Pediatric Infectious Diseases.
- 2009-2015: Diplomate in Pediatric Infectious Diseases, **Recertification in Pediatric Infectious Diseases**, The American Board of Pediatrics and its Subboard of Pediatric Infectious Diseases.

LICENSURE:

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|-------|--------------|---------|
| 1994: | Louisiana | #10928R |
| 1990: | Rhode Island | # 7695 |
| 1984: | Lima, Peru | #17551 |

ACADEMIC APPOINTMENTS

Previous:

- 1984-1985: Assistant Instructor, Department of Public Health and Community Medicine, Universidad Peruana Cayetano Heredia, Lima, Peru.

- 1989-1992: Assistant Instructor of Pediatrics, Brown University, Providence, RI.
- 1992-1994: Research Assistant Professor in Pediatrics, Universidad Peruana Cayetano Heredia, Lima, Peru.
- 1992-1994: Research Scientist at U.S. Naval Research Institute Detachment, Lima, Peru.
- 1994-1998: Assistant Professor, Department of Pediatrics, Louisiana State University School of Medicine, 1542 Tulane Avenue, New Orleans, Louisiana, LA 70112-2822.
- 1999-2008: Associate Professor with Tenure, Department of Pediatrics, Louisiana State University School of Medicine, 1542 Tulane Avenue, New Orleans, LA 70112-2822.

Current:

- 2008-now Professor with Tenure, Department of Pediatrics, Louisiana State University School of Medicine, 1542 Tulane Avenue, New Orleans, LA 70112-2822.
- 1997-now Adjunct Assistant Professor, Department of Tropical Medicine, Tulane University School of Public Health and Tropical Medicine, New Orleans, LA.
- 2001- now Chief Division of Infectious Diseases, Department of Pediatrics, Louisiana State University Health Sciences Center, 1542 Tulane Avenue, New Orleans, LA 70112-2822.

OTHER APPOINTMENTS:

- 1994-now Department Head, Infectious Diseases, Children's Hospital, 200 Henry Clay Avenue, New Orleans, LA 70118.
- 1994-now Director, Infection Control, Children's Hospital, 200 Henry Clay Avenue, New Orleans, LA 70118.
- 1998-now Associate Director, Combined LSU/Tulane Pediatric Infectious Diseases Fellowship Program Pediatric Infectious Diseases Fellowship Program,
- 2003-now Council Member, Southern Society for Pediatric Research.
- 1999-2003 Member, Committee on International Affairs, Louisiana State University Health Sciences Center, New Orleans, LA 70112.
- 1998-2002 Chairman, Research Committee, Department of Pediatrics, Louisiana State University, New Orleans, LA 70112.
- 1998-2000 Member, Budget Committee, Department of Pediatrics, Louisiana State University, New Orleans, LA 70112.
- 2006-now Occupational Health and Safety Physician, Research Institute for Children, New Orleans, LA 70118.

PROFESSIONAL MEMBERSHIPS

National

- 1989-now American Academy of Pediatrics.
1991-now Pediatric Infectious Diseases Society.
1997-now Infectious Diseases Society of America
1998-now Society for Pediatric Research.
1996-now American Association for the Advancement of Science.
1992-now American Society for Microbiology.

Regional

- 1997- Southern Society for Pediatric Research.
1995- Greater New Orleans Pediatric Society.
1995- Louisiana and Mississippi Infectious Diseases Society.
1995- Hispanic American Medical Association of Louisiana.

HONORS AND AWARDS

- 1975: Valedictorian. Colegio San Andrés, Lima, Peru.
1980-1982: Class President, 1983 Graduating Class, Universidad Peruana Cayetano Heredia, School of Medicine, Lima, Peru,
1984: “LA CONTENTA” awarded as First Place in the Honor List 1983 Graduating Class Universidad Peruana Cayetano Heredia School of Medicine. Lima, Peru.
1997: Teaching Award, XI Curso Internacional de Pediatría, Asociación Pediátrica de Honduras, Tegucigalpa, Honduras.
1999: “Grünenthal Award”, given by Hospital del Niño and Grünenthal Peruana, S.A., Lima, Peru.
2003: Distinguished Visiting Professor to the Universidad Nacional Mayor de San Marcos, School of Medicine, Lima, Peru “in recognition of outstanding professional accomplishments and teaching in Medicine”.
2004: “Sheila Gottschalk, MD”, Faculty Teaching Award, given by the Louisiana State University Health Sciences Center, New Orleans, Louisiana

TEACHING EXPERIENCE/RESPONSIBILITIES

Course/Clerkship/Residency or Fellowship/CME Directorships

1998-now Associate Director, Combined LSU/Tulane Pediatric Infectious Diseases Fellowship Program.

Curriculum Development/Implementation

1997-2002 Fellows' Course in Basics of Academic Career. Course Director for this series of 10 lectures on Research and other academic activities for the Fellows as well as interested Pediatric Residents and Faculty.

Creation of Enduring Teaching Materials

Handouts

Formal Course Responsibilities

- Infectious Diseases Conference Series at Children's Hospital. One hour lecture, 10 lectures per year. A review of different topics on infectious diseases with applicability to the practice of general pediatrics. Audience is composed by pediatric and family medicine residents, medical students and interested faculty members (1996-now).
- Infectious Diseases Conference Series at Kenner Regional Medical Center. One hour lecture, 10 lectures per year. A review of different topics on infectious diseases with applicability to the practice of general pediatrics. Audience is composed by family medicine residents, medical students and faculty (2003-2005).
- Fellow's Course in Basics of Academic Career, Director of the Course and participant with 4 one-hour sessions per year (1997-2002).
- Medical Spanish, participant, 1 hour / year. Basics of medical Spanish for 3rd and 4th year medical students (2000-2005).
- Microbiology, Parasitology and Immunology; participant 1 hour session in the course MIP 200/2001 Medical Microbiology (2001-2005).
- Pediatrics Course, core curriculum for 3rd Year Medical Students. Participant with the topics "Immunizations" and "Management of the Febrile Child". One hour lecture each given 4 times a year (1995-2001).
- Participant at the Course "Microbial Diseases of the Tropics", given by the Tulane University Medical Center, School of Public Health and Tropical Medicine, with the topics: *Helicobacter pylori*, and *Bartonella spp* infections. Two hour lectures for undergraduate students, conducive to the Diploma of Tropical Medicine (1998-now).

- New Orleans Pediatrics Board Review, participant with three 30 minutes presentations, plus 6 hours of interactive sessions; attended by approximately 500-1,000 pediatricians from all the country preparing to take the Pediatrics Board Examination (1996-now).
- Inservice Training for Healthcare Workers at Children's Hospital, New Orleans. One hour lecture each on the following topics: Infection Control, Post-exposure prophylaxis, Influenza Immunization. Target audience is composed by nurses, phlebotomists, attending physicians and pediatric/surgery residents (1995-now).

Departmental/Interdisciplinary Conferences

- Pediatrics Morning Report, one hour session, four times a week with Pediatric residents, students, fellows and faculty to discuss patients and teach the thought process and management decision-making involved in clinical care.
- Infectious Diseases Citywide Conference, two-hour session, once weekly, attended by ID rotators, fellows and faculty from the New Orleans area. The first hour, an ID topic is presented to the audience by a faculty. The second hour, a fellow presents a case (as an unknown) and a faculty discusses the differential diagnosis and management.
- Clinical case Conference and Pathophysiology Conference, twice-weekly one-hour conference with fellows and residents/students rotating in Infectious Diseases.
- Research Seminar / Work in Progress, a weekly 1-hour research presentation at the Research Institute for Children, Children's Hospital, New Orleans. Research problems/results are presented and discussed by participants.
- Grand Rounds, Department of Pediatrics, LSUHSC, weekly 1-hour presentation by Pediatrics Faculty on different topics pertinent to the practice of Pediatrics

Special Clinical Rounds

- Infectious Diseases Rounds. One medical student (4th Year) and two pediatric residents (PL1-PL3) on average rotate in the infectious diseases service every month. Teaching activities consist of daily two-hour clinical rounds and one-hour topic discussion, for 11 months every year.
- Fellowship Program in Infectious Diseases. Two to three post-doctoral trainees rotate in the combined LSU/Tulane Program. I am responsible for their training on average 6 months every year with 2 to 3 hours daily rounds and 4 hours every week of bedside patient discussion and classroom topic presentations.
- General Pediatrics. Service attending in general pediatrics at University Hospital one month every year (1996-2000). On average two residents from Pediatrics, two

residents from allied programs (Medicine-Pediatrics, Family Medicine, Emergency Medicine), two 4th year medical students and four 3rd year medical students rotate. Daily teaching activities include one hour of morning report, two hours of clinical rounds and one hour of topics discussion.

Teaching Awards:

2004: “Sheila Gottschalk, MD”, Faculty Teaching Award, given by the Louisiana State University Health Sciences Center, New Orleans, Louisiana.

2007: Master Teacher, Academy for the Advancement of Educational Scholarship, Louisiana State University Health Sciences Center, New Orleans, Louisiana.

Graduate Students Trained

Students:

- Ms. Mary Burke (4th year, Louisiana State University): mentor during 4 week trip to the city of Ayacucho, Peru, for rural primary pediatrics experience, 1996-1997
- Ms Alma Cruz: Capstone project for her *Master of Science in Public Health in Tropical Medicine*. January-June, 2005

Residents:

- Andrew Oshiro, MD (Pediatrics): mentor in project: “Varicella disease and transmission in pediatric house officers”, 1996-1997
- Avinash Shetty, MD (Pediatrics), mentor in project “Lemierre’s syndrome following mastoiditis”, 1997-1998
- Loreen Pettit, MD (Pediatrics): mentor in project “Epidemiology of sharp object injuries in a children’s hospital”, 1998-1999
- Poulomi Pai, MD (Pediatrics): mentor in project “Eosinophilic Meningitis”, 2004-2005

Other:

- Sheila Gee, RN: mentor in project “Improving influenza immunization among health care workers”, 1997-1999
- Mary C Darken, MD: mentor in project “Obesity and otitis media”, 1999-2001

- Ms Alyson Moll (LSU, undergraduate): mentor in project: Expression and Purification of recombinant urease B, 2006.

Thesis and Dissertation Committees

- Member, Scholar Activity Overseeing Committee, Pediatric Infectious Diseases fellow, Troy Moon, MD, 2004 – 2007.
- Member, Scholar Activity Overseeing Committee, Pediatric Gastroenterology Fellow, Patrice Tyson, MD, 2005-2007.
- Thesis Advisor, Committee Member, Alyson Moll, LSU Biology, Baton Rouge, 2006.
- Member, Scholar Activity Overseeing Committee, Neonatology fellow, Lynn Tran, MD, 2009 – 2011.

Post-Doctoral or Post-Residency Fellows Trained

A total of 12 Infectious Diseases fellows have been trained in the past 12 years; of them, the following have been under my direct supervision

- Jorge Quiñonez, MD (Infectious Diseases): mentor in research project “*Helicobacter pylori* and malnutrition, 1998-1999
- Sayonara Perez Mato, MD, MPHTM (Infectious Diseases): mentor in research project “RRV-TV effectiveness in a pediatric practice, 1999-2000
- Ayesha Mirza, MD (Infectious Diseases): mentor in project “*Helicobacter pylori* in children with diabetes”, 2000-2001
- Nuthapong Ukarapol, MD (Gastroenterology): mentor in project “Development of an animal model of *Helicobacter felis* and diabetes”, 2001-2002
- Andres Ramgoolam, MD (Infectious Diseases): mentor in project “Preparation of *Helicobacter pylori* recombinant urease B”, 2002-2003
- Nelson Spinetti, MD (Gastroenterology): mentor in project “Chronic *Helicobacter felis* infection in mice with type 1 diabetes”, 2003-2004
- Liviana Zavala, MD (Infectious Diseases): mentor in project: “Recombinant urease B as a vaccine against *Helicobacter pylori*”, 2003-2004
- Patrice Tyson, MD (Gastroenterology): mentor in project: “Development of rotavirus-like particles (RV-VLPs) in a yeast system”; 2005-2007

- Aja Sanzone, MD (Infectious Diseases): mentor in the project: “Development of a Hepatitis B – *Helicobacter pylori* hybrid vaccine”; 2007-2008

GRANTS AND CONTRACTS

Funded

- 1992-1994: **Study Grant.** Funding Agency: Walter Reed Army Institute of Research (WRAIR), Washington, D.C. Title of the Project: A randomized, controlled field trial of the killed *Vibrio cholerae* whole cell plus recombinant B subunit (WC/rBS) cholera vaccine to prevent cholera in Peru. Participation: planning, budget, field work supervision, analyses, report presentations to WRAIR personnel (75% time effort). Amount: estimated total US \$ 1.2 million; personal budget: US \$ 72,000. PI: Dr D. Taylor (WRAIR), Dr K. Hayashi (NAMRID), Dr E. Gotuzzo (UPCH).
- 1995 **Educational Grant.** Funding Agency: U.S. Pharmaceuticals Group, Pfizer Inc, New York, NY. Title: The Pfizer Visiting Professorship Program in Infectious Diseases, 1995. Awarded to sponsor visit of Dr Raul Leon Barua from Lima, Peru. Amount: US \$ 6,000.
- 1995 **Donation.** Funding Agency: Merck & Co., Inc., New Jersey. Title: Donation of 2,592 vials of Recombivax HB ® (hepatitis B vaccine) 10 mcg per vial for the establishment of a vaccination program against hepatitis B in a hyperendemic area of rural Peru. Amount: US \$ 119,569 in medications.
- 1995-1996: **Study Grant.** Funding Agency: Wyeth-Ayerst Research, Philadelphia, PA. Title of the Project: A single-blind immunogenicity and safety trial to determine the consistency of consecutively released lots of the tetravalent rotavirus vaccine (Rotavax ®). Participation: patient enrollment, field work supervision (15%). Amount: US \$ 12,854. PI: Dr R. Glass (CDC), Dr E. Zitto (WAR).
- 1997 **Travel Grant.** Funding Agency: Pediatric AIDS Foundation, Santa Monica, California. Title: Travel Grant to Attend XI Latin American Congress on Sexually Transmitted Diseases and V Pan American Conference on AIDS, Lima, Peru. Amount: US \$ 1,500.
- 1997 **Donation.** Funding Agency: Abbott Laboratories, Dallas, Texas. Title: Donation of 20 MERETEK UBT Collection Kits for the determination of *Helicobacter pylori* infection. Amount: US \$ 5,000 in reagents.

- 1998-1999: **Study Grant.** Funding Agencies: Child Health Foundation, Columbia, Maryland; and, Gorgas Memorial Institute Fellowship Program, Northbrook, Illinois. Title of the Project: *Helicobacter pylori*, iron deficiency and malnutrition in Guatemala: A preliminary evaluation. Participation: study planning, budget preparation, supervision of work by trainee Dr J. Quiñonez (10%). Amount: US \$13,997. PI: Dr. R. Begue (LSU).
- 1999 **Travel Grant.** Funding Agency: Abbott Laboratorioes, Inc., Houston, TX. Title: Travel Grant to attend XII Workshop Gastroduodenal Pathology and *Helicobacter pylori*, Helsinki, Finland. Amount: US \$ 3,000.
- 1998-1999 **Study Grant.** Funding Agency: Pfizer Inc, New York, NY. Title of the Project: A double-blind, double dummy multicenter randomized trial of single dose azithromycin versus amoxicillin/clavulanate in the treatment of acute otitis media in children ages 6 months to 12 years. Participation: Principal Investigator; patient enrollment, evaluation and followup (15%). Amount: US \$ 50,794. PI: Dr R. Begue (LSU).
- 1999-2001 **Study Grant.** Funding Agency: LSU Department of Pediatrics, Intramural Grant, New Orleans, LA. Title of the Project: *Helicobacter felis* infection and severity of diabetes type 1 and 2 in the rodent model. Participation: Principal Investigator (10%). Amount: US \$8,483. P.I.: Dr R Begue (LSU).
- 1999-2001 **Study Grant.** Funding Agency: Centers for Disease Control and Prevention (CDC), Atlanta, GA. Title of the Project: Hospital Surveillance and Epidemiologic Studies for Rotavirus. Participation: Principal Investigator; patient enrollment, evaluation and follow-up (15%). Amount: US \$ 210,000. PI: Dr R. Bégué (LSU).
- 2001-2003 **Study Grant.** Funding Agency: Merck Research Laboratories, West Point, PA. Title of the Project: Safety and Efficacy of Pentavalent (G1, G2, G3, G4, and P1) Human-Bovine Reassortant Rotavirus Vaccine in Healthy Infants. Participation: Principal Investigator; patient enrollment, evaluation and follow-up (15%). Amount: US \$ 210,600. PI: Dr R. Bégué (LSU).
- 2002-2003 **Study Grant.** Funding Agency: LSU Department of Pediatrics, Intramural Grant, New Orleans, LA. Title of the Project: Transgenic plants as vaccine against *Helicobacter pylori*. P.I.: Andres Ramgoolam (fellow) Participation: Mentor (5%). Amount: US \$19,000.
- 2004-2005 **Study Grant.** Funding Agency: Research Institute for Children, Intramural Grant, New Orleans, LA. Title of the Project: Development of a

Vaccine Against *Helicobacter pylori*. P.I.: R. Begue (25%). Amount: US \$12,500.

- 2007-2009 **Study Grant.** Funding Agency: National Institutes of Health (R03CA128048-01). Title of the Project: Development of a Vaccine Against *Helicobacter pylori* to Prevent Gastric Cancer. P.I.: RE Bégué Participation: Planning, supervision, reporting (25%). Amount: US \$100,000 (direct costs).
- 2008-2010 **Study Grant.** Funding Agency: Merck & Co, Inc. Title of the Project: Rotavirus Surveillance in New Orleans. P.I.: RE Bégué. Participation: Planning, data collection and analysis (10%). Amount: US \$ 120,000.
- 2009-2011 **Study Grant.** Funding Agency: BioCryst Pharmaceuticals, Inc. Title of the Project: A Phase 3 Multicenter, Randomized, Double-Blind, Controlled Study to Evaluate the Efficacy and Safety of Peramivir Administered Intravenously in Addition to Standard of Care compared to Standard of care Alone in Adults and Adolescents who are Hospitalized due to Serious Influenza. P.I.: RE Bégué. Participation: site P.I., enrollment, drug administration and evaluation. (10%). Amount: US \$.

Pending funding

- 2009-2011 **Study Grant.** Funding Agency: Bayer Pharmaceutical, Inc. Title of the Project: A Phase 3 Multicenter, Randomized, Double-Blind, Controlled randomized, double-blind, multicenter trial to evaluate the safety and efficacy of sequential (intravenous, oral) <third generation fluoroquinolone> versus comparator in pediatric subjects with complicated intra-abdominal infection. P.I.: RE Bégué. Participation: site P.I., enrollment, drug administration and evaluation. (10%). Amount: US \$.
- 2009-2019 **Study Grant.** Funding Agency: National Institutes of Health. Title of the Project: A phase III, randomized, placebo-controlled, blinded investigation of six weeks vs six months of oral valganciclovir therapy in infants with symptomatic congenital cytomegalovirus infection (CASG112). P.I.: RE Bégué Participation: site P.I.; enrollment, supervision, reporting (5%). Amount: US \$.

Non-funded applications (last three years)

- 08/19/04 Title: Development of RV-VLPs as vaccine candidates. Sponsor: Board of Regents, Baton Rouge, LA. Amount: 12,000. P.I.: RE Bégué

- 04/07/06 **Funding Agency:** Centers for Disease Control and Prevention (CDC, Atlanta, GA). **Title of the Project:** Pertussis among Healthcare Workers and the effects of Vaccination. **P.I.:** RE Bégué **Participation:** Planning, supervision, reporting (30%). **Amount:** US \$331,078.
- 06/15/07 **Study Grant. Funding Agency:** Helis Foundation, New Orleans, LA. **Title of the Project:** Therapeutic immunization against *Helicobacter pylori* to prevent gastric cancer. **P.I.:** RE Bégué. **Participation:** Planning, supervision, reporting (25%). **Amount:** US \$450,000 (direct costs).
- 2009-2010 **Study Grant. Funding Agency:** National Institutes of Health (PAR 08-055). **Title of the Project:** Mucosal Vaccination Against *Helicobacter pylori* with an Ad5 System. **P.I.:** RE Bégué **Participation:** Planning, supervision, reporting (25%). **Amount:** US \$50,000 (direct costs).
- 2009-2010 **Study Grant. Funding Agency:** Tulane University/ Louisiana State University Health Sciences Center Clinical and Translational Research, Education, and Commercialization Project – CTRECP. **Title of the Project:** Mucosal Vaccination Against *Helicobacter pylori* with an Ad5 System. **P.I.:** RE Bégué **Participation:** Planning, supervision, reporting (25%). **Amount:** US \$23,000 (direct costs).

Research Review Committee: (NIH study section, etc)

NIH-NIAID Special Emphasis Panel “Food and Waterborne Diseases Integrated Research Network” (RFP-NIH-NIAID-03-04), February 26-28, 2003.

NIH-NIDDK Special Emphasis Panel/Scientific Review Group 2007/10 ZDK1 GRB-9 (O1), June 27, 2007.

Inventions and Patents

None

Seminars and Invited Presentations

1. 1992, September 7. Topic: Vaccination against *H.influenzae*. Meeting: X Curso Nacional de Pediatría, Colegio de Pediatría y Colegio Médico del Perú. Lima, Peru.
2. 1992, December 4. Topic: Pediatric AIDS. Meeting: Curso Nacional de Enfermedades Infecciosas, Hospital Naval del Perú, Callao, Peru.
3. 1993, February 12-15. Topics: The Impact of Cholera in Diarrheal Diseases in Peru. Meeting: XI Jornadas Heredianas, Universidad Peruana Cayetano Heredia. Cajamarca, Peru.

4. 1993, March 3. Topic: Pediatric AIDS. Meeting: Sábado Científico, Hospital de Policía y Hospital Militar del Perú, Lima, Peru.
5. 1993, June 17. Topic: Management of Cholera and the Role of Vaccination. Pediatric Grand Rounds at Hospital General Cayetano Heredia, Universidad Peruana Cayetano Heredia, Lima, Peru.
6. 1993, August 23. Topic: Implementing a Field Vaccination Trial. Servicio de Epidemiología de Campo, Ministerio de Salud del Perú. Lima, Peru.
7. 1994, April 3-7. Topic: Update on Pediatric Vaccinations. Meeting: X Congreso de Infectología, Sociedad Peruana de Infectología, Lima, Peru.
8. 1994, June 15. Topic: Pediatric AIDS. Meeting: Curso de Actualización en Medicina. Colegio Médico del Perú and Instituto Nacional de Enfermedades Neoplásicas, Lima, Peru.
9. 1994, June 27-30. Topics: Tuberculosis in Children. Vaccines against viral hepatitis. Septic shock. Meeting: III Jornadas Regionales de Salud, Ministerio de Salud, Huanuco, Peru.
10. 1995, October 5. Topics: *Helicobacter pylori* infections. Bartonellosis: verruga peruana. Course: Microbial Diseases of the Tropics, Tulane University Medical Center, School of Public Health and Tropical Medicine, New Orleans, Louisiana.
11. 1996, April 4-5. Topics: Risk of vertical and horizontal transmission of viral hepatitis; Vaccination against hepatitis A and B. Meeting: Symposium "Hepatitis Viral en la Infancia", Servicio de Gastroenterología, Instituto de Salud del Niño, Lima, Peru.
12. 1996, April 26. Topic: Cholera: the disease and the vaccine. Meeting: Citywide Infectious Diseases Conference of New Orleans, Louisiana.
13. 1996, May 30-June 1. Topics: Cholera; Pediatric AIDS; *Helicobacter pylori*; Varicella. Meeting: IX Simposium Pediátrico Internacional, Departamento de Pediatría, Hospital Regional San Juan de Dios, Quetzaltenango, Guatemala.
14. 1996, June 16-18. Topics: Evaluation of Postoperative Fever; Antibiotic Prophylaxis in Surgery; Infection Control issues in Pediatric Surgery. Meeting: Sociedad de Cirugía Pediátrica del Noreste, A.C., Monterrey, Mexico.
15. 1996, July 22-26. Topics: *Helicobacter pylori* and malnutrition; Viral hepatitis. Meeting: II Jornada de Gastroenterología Pediátrica, Instituto Nacional de Salud del Niño, Lima, Peru.

16. 1996, October 3. Topic: *Helicobacter pylori* infections. Course: Microbial Diseases of the Tropics, Tulane University Medical Center, School of Public Health and Tropical Medicine, New Orleans, Louisiana.
17. 1996, October 15. Topics: Common Infections in Children. Immunizations and the Febrile Child. Course: Nurse Practitioner Program, LSU School of Nursing, New Orleans, Louisiana.
18. 1996, November 13-15. Topics: Viral hepatitis: update; Management of chronic hepatitis. Meeting: Congreso Nacional de Enfermedades Digestivas, Sociedad Peruana de Gastroenterología, Lima, Peru.
19. 1997, May 7. Topic: *Helicobacter pylori*: a Pediatric Pathogen. Meeting: Pediatrics Grand Round at Louisiana State University, New Orleans, Louisiana.
20. 1997, May 29. Topic: CMV Infection in Immunosuppressed Patients. Meeting: Hematology/Oncology Grand Rounds at Children's Hospital, New Orleans, Louisiana.
21. 1997, June 20. Topic: Review on *Helicobacter pylori* infections. Meeting: Citywide Infectious Diseases Conference of New Orleans, Louisiana.
22. 1997, September 3-6. Topics: *Helicobacter pylori*: a pediatric pathogen; Viral hepatitis: from A to Z; Prophylactic use of antibiotics in Pediatrics; Tuberculosis in children. Meeting: XI Curso Internacional de Pediatría, Asociación Pediátrica de Honduras y Hospital Materno Infantil, Tegucigalpa, Honduras.
23. 1997, September 23. Topic: Infectious Disease Determinants of Undernutrition and Growth Failure. Course: The Epidemiology of Protein Energy Malnutrition, Tulane University Medical Center, School of Public Health and Tropical Medicine, New Orleans, Louisiana.
24. 1997, September 25. Topics: *Helicobacter pylori* infections. Implementation of a Vaccination Program. Course: Microbial Diseases of the Tropics, Tulane University Medical Center, School of Public Health and Tropical Medicine, New Orleans, Louisiana.
25. 1997, October 22-25. Topics: Infections and malnutrition; Emergencies in Pediatric Infectious Diseases. Meeting: XXIII Jornadas Regionales de Residentes Becarios en Pediatría, Universidad de Concepción, Facultad de Medicina, Concepción, Chile.
26. 1997, November 27. Topic: Fungal Infections in Immunocompromised Patients. Meeting: Hematology/Oncology Grand Rounds at Children's Hospital, New Orleans, Louisiana.

27. 1997, December 3-6. Topics: Pediatric AIDS; Impact of STDs on neonatal outcome. Meeting: XI Latin American Congress on Sexually Transmitted Diseases and V Pan American Conference on AIDS, Lima, Peru.
28. 1998, March 25-28. Topic: Neonatal Sepsis. Meeting: 7ma Jornada Médica Bienal, Hospital Gineco-Obstetricia Luis Castelazo Ayala, Mexico, DF.
29. 1998, September 3-5. Topics: Management of the Febrile Child, Rotavirus Infection and Vaccination, *H.pylori*: a Pediatric Pathogen. Meeting: X Curso Internacional de Pediatría, Viña del Mar, Chile.
30. 1998, September 10. Topics: *Helicobacter pylori* infections. Implementation of a Vaccination Program. Course: Microbial Diseases of the Tropics, Tulane University Medical Center, School of Public Health and Tropical Medicine, New Orleans, Louisiana.
31. 1998, December 12, TV Appearance, channel 8, New Orleans: Topic: Infections in Children.
32. 1999, January 20. Topic: Rotavirus: the disease and the vaccine. Meeting: Pediatrics Grand Round at Louisiana State University, New Orleans, Louisiana.
33. 1999, April 8. Topic: Infection Control for the Pregnant Healthcare Worker. Meeting: Habilitation Conference at Children's Hospital, New Orleans, Louisiana.
34. 1999, June 17. Topic: Rotavirus, the disease and the vaccine. Meeting: Grand Rounds, LSU Family Practice at Kenner Regional Medical Center, Kenner, Louisiana.
35. 1999, September 30. Topic: *Helicobacter pylori* infections and *Bartonella* infections. Course: Microbial Diseases of the Tropics, Tulane University Medical Center, School of Public Health and Tropical Medicine, New Orleans, Louisiana.
36. 1999, October 28. Topic: Infectious Diseases Issues in the ICU. Course: Current Concepts in Critical Care Nursing, Children's Hospital, New Orleans, Louisiana.
37. 1999, November 7-11. Topic: Pediatric HIV infection: the challenge of Applied Research. Course: Basic Concepts in Pediatric Research. Meeting: 37th Meeting of the Latin American Society for Pediatric Research, Arequipa, Peru.
38. 1999, December 3. Topic: HIV infection. Meeting: American Society of Hematology Student Symposium. New Orleans, LA.
39. 2000, January 26. Topic: *Helicobacter pylori*: relevance for Pediatrics. Meeting: Pediatrics Grand Rounds, Memorial Hospital of Rhode Island, Pawtucket, RI.

40. 2000, April 15. Topic: Infectious diseases transmitted by pets. Meeting: Pediatric Infectious Diseases Update, Louisiana State Medical Society, Lafayette, LA.
41. 2000, April 18. Topic: Viral Hepatitis A-Z. Meeting: Grand Rounds, LSU Family Practice at Kenner Regional Medical Center, Kenner, Louisiana
42. 2000, July 6-8. Topics: Recurrent Pneumonia in Pediatrics, Management of Infections due to Penicillin-Resistant Pneumococcus, Pulmonary Disease in the Patient with Pediatric HIV Infection. Meeting: V Curso Internacional: Actualización en Enfermedades Respiratorias y Alergias en el Niño. Sociedad de Pediatría, Temuco, Chile.
43. 2000, September 4-8. Topics: Pediatric HIV infection, Infectious Diseases Emergencies, Infectious Diseases transmitted by pets, Rotavirus: the disease and the vaccine. Meeting: XXI Congreso Centroamericano y del Caribe de Pediatría, Tegucigalpa, Honduras.
44. 2000, September 21. Topic: *Helicobacter pylori* infections and *Bartonella* infections. Course: Microbial Diseases of the Tropics, Tulane University Medical Center, School of Public Health and Tropical Medicine, New Orleans, Louisiana.
45. 2001, June 13-16. Topic: Infections Transmitted by Pets; Kawasaki Syndrome; *Helicobacter pylori* infections. 5th Colombian Congress on Infectious Diseases, Cartagena de Indias, Colombia.
46. 2001, July 3. Topic: *Helicobacter pylori* infections. Ground Rounds, Family Medicine Program, LSUHSC, Kenner, Louisiana.
47. 2001, September 28. Topic: *Helicobacter pylori* infections. Meeting: Citywide Infectious Diseases Conference of New Orleans, Louisiana.
48. 2001, November 29. Topic: *Helicobacter pylori* infections and *Bartonella* infections. Course: Microbial Diseases of the Tropics, Tulane University Medical Center, School of Public Health and Tropical Medicine, New Orleans, Louisiana.
49. 2002, January 10. Topic: Agents of Bioterrorism. Meeting: Habilitation Conference at Children's Hospital, New Orleans, Louisiana.
50. 2002, April 6. Topic: *Helicobacter pylori* infections. Meeting: 22nd Annual National Pediatric Infectious Disease Seminar, New Orleans, Louisiana.
51. 2002, November 8. Topic: Short Course Antibiotics for Common Pediatric Infections: Has the Time Come? Meeting: American Academy of Pediatrics, Louisiana Chapter. Pediatric Potpourri XI. New Orleans, LA.

52. 2002, November 14. Topic: *Helicobacter pylori* infections and *Bartonella* infections. Course: Microbial Diseases of the Tropics, Tulane University Medical Center, School of Public Health and Tropical Medicine, New Orleans, Louisiana.
53. 2002, December 5. Topic: Contributions to *Helicobacter pylori* research: then, now and the future. Duke University Medical Center, Durham, North Carolina.
54. 2003, March 14. Topics: *Helicobacter pylori* infections, HIV infection in Children, Vaccine development using plants. Asociación Peruano Japonesa, Lima, Peru.
55. 2003, October 7. Topic: Immunobiologics in Plants: the New Alternative (to) Medicine? Hospital for Sick Children, Toronto, Canada.
56. 2003, November 13. Topic: *Helicobacter pylori* infections and *Bartonella* infections. Course: Microbial Diseases of the Tropics, Tulane University Medical Center, School of Public Health and Tropical Medicine, New Orleans, Louisiana.
57. 2004, April 10. Topic: WNV and SARS: A Tale of Two Epidemics. Habilitation Conference at Children's Hospital, New Orleans, Louisiana.
58. 2004, May 28. Topic: Verruga Peruana. Meeting: Citywide Infectious Diseases Conference of New Orleans, Louisiana.
59. 2004, October 11. Topic: Pediatric HIV/AIDS. Ground Rounds, Family Medicine Program, LSUHSC, Kenner, Louisiana.
60. 2004, October 14. Topic: Tuberculosis. Habilitation Conference at Children's Hospital, New Orleans, Louisiana.
61. 2004, November 11. Topic: *Helicobacter pylori* infections and *Bartonella* infections. Course: Microbial Diseases of the Tropics, Tulane University Medical Center, School of Public Health and Tropical Medicine, New Orleans, Louisiana.
62. 2004, December 11, Topic: Common Outpatient Infections in Pediatrics. Course: Infectious Diseases Symposia, Our Lady of the Lake College, Baton Rouge, Louisiana
63. 2005, January 14. Topic: Tuberculosis in Children. Ground Rounds, Family Medicine Program, LSUHSC, Kenner, Louisiana.
64. 2005, February 11. Topic: Travel Medicine. Ground Rounds, Family Medicine Program, LSUHSC, Kenner, Louisiana
65. 2005, March 11. Topic: Antibiotic Prophylaxis in Children. Ground Rounds, Family Medicine Program, LSUHSC, Kenner, Louisiana

66. 2005, July 19th. Topic: Rotavirus: The Quest for a Vaccine. Research Seminar, Research Institute for Children, New Orleans, Louisiana.
67. 2005, August 25-28th. Topics: The Emerging Coronaviruses; New Developments in Vaccination; Emerging Resistant Infections; II Congreso de Pediatría, Lima, Peru.
68. 2005, November 16. Topic: The Evolving World of vaccines. Ground Rounds, Medical University of Ohio, Toledo, OH.
69. 2005, November 30. Topic: Recent and Upcoming Changes in the World of Vaccines. Grand Rounds, LSUHSC, Department of Pediatrics and Children's Hospital, New Orleans, LA.
70. 2006, April 13. Topic: Infectious Diseases Threats: Avian Flu and Meningitis. Habilitation Conference at Children's Hospital, New Orleans, Louisiana.
71. 2006, April 20. Topic: *Helicobacter pylori* infections and Carrion's disease. Course: Microbial Diseases of the Tropics, Tulane University Medical Center, School of Public Health and Tropical Medicine, New Orleans, Louisiana.
72. 2006, May 31. Topic: Avian Influenza: Chicken Soup for the Chicken Flu. Grand Rounds, LSUHSC, Department of Pediatrics and Children's Hospital, New Orleans, LA.
73. 2006, September 26. Topic: *Helicobacter pylori* infections and Carrion's disease. Course: Microbial Diseases of the Tropics, Tulane University Medical Center, School of Public Health and Tropical Medicine, New Orleans, Louisiana.
74. 2007, September 7-9. Topics: New Vaccines, Congenital cytomegalovirus infection, Congenital candidiasis. Course: X Congress Peruvian Society of Infectious and Tropical Diseases, Lima, Peru.
75. 2007, November 6. Topic: *Helicobacter pylori* infections and Carrion's disease. Course: Microbial Diseases of the Tropics, Tulane University Medical Center, School of Public Health and Tropical Medicine, New Orleans, Louisiana.
76. 2007, November 30. Topic: Development of a *Helicobacter pylori* vaccine. Research Colloquium. Brown University, Providence, Rhode Island.
77. 2008, January 25. Topic: Musculoskeletal infections in children. Orthopedics Grand Rounds. LSUHSC, New Orleans, LA.
78. 2008, February 14. Topic: MRSA: A Survival Kit. Habilitation Conference. Children's Hospital, New Orleans, LA.

79. 2008, March 15. Topic: Progress and problems with Vaccines For the Most Important Infections in the World: Rotavirus. American Academy of Allergy Asthma & Immunology (AAAAI), Annual Meeting, March 14-17, 2008, Philadelphia, PA.
80. 2008, June 18: Topic: MRSA: A Survival Kit. Grand Rounds, LSUHSC, New Orleans.
81. 2008, June 19. Topic: Travel and Trouble. Hispanic American medical Association of Louisiana (HAMAL), New Orleans.
82. 2008, June 21. Topic. Update on Immunizations. 2nd Annual Pediatric Symposium, Children's Hospital, New Orleans, LA.
83. 2009, June 13. Topic: Management of the HIV with Perinatal Exposure to HIV. 3rd Annual Pediatric Symposium, Children's Hospital, New Orleans, LA
84. 2009, August 13. Topic Reading the Literature. Hematology-Oncology Grand Rounds, Children's Hospital, New Orleans, LA
85. 2009, September 29. Topic: Are you Ready for the Flu? You better Be!. Habilitation Conference, Children's Hospital, New Orleans, LA.

Editorial Posts and Activities

Reviewer Status

Annals of Behavioral Medicine

Clinical Pediatrics

Gut

HIV Clinician

Infections in Medicine

Journal of Nephrology

Journal of Medical Microbiology

Pediatrics

Pediatric Infectious Diseases Journal

Pediatric Drugs

Southern Medical Journal

The American Journal of the Medical Sciences

The Open Epidemiology Journal (Editorial Advisory Board Member)

UNIVERSITY / INSTITUTIONAL SERVICE

Departmental Committees

- Member, Budget Committee, Department of Pediatrics, Louisiana State University. To develop policies and procedures for matters relating to finance and budget for the Department (1998-2000).
- Member, Research Committee, Department of Pediatrics, Louisiana State University. To define the roles of the Department in supporting faculty research and develop policies and procedures. Committee Chairman for the period 2000-2002.
- Member, Committee on International Affairs, Department of Pediatrics, Louisiana State University Health Sciences Center, New Orleans, LA (2000-2002).
- Chair, Hurricane Preparation Plan Task Force, Department of Pediatrics, Louisiana State University Health Sciences Center, New Orleans, LA (2006-2007). To establish action plan in the event of hurricane or other disaster threat to the operations of the Department.

School of Medicine Committees

None

LSUHSC (campus) Committees

None

Hospital Committees

- Chairman, Infection Control Committee, Children's Hospital, New Orleans (1994-present). Responsible for reviewing federal and state regulations on infection control practices, advising the Hospital Administration on appropriateness of implementation, supervising execution of the mandates, coordinating in-training service for hospital personnel, overseeing surveillance of nosocomial infections and reporting to state authorities regarding communicable diseases. The Infection Control Committee has been instrumental, along with other sectors, in the continuous re-accreditation of the hospital by the Joint Commission on Accreditation of Healthcare Organizations (JCAHO) since 1994.
- Member, Pharmacy and Therapeutics Committee, Children's Hospital (2002-2005). To review good practices in medication utilization.
- Member, Institutional Biosafety Committee, Children's Hospital (2009-present). To ensure safe conduct of experiments involving recombinant DNA and potentially biohazardous agents, including, but not limited to, microorganisms and toxins.

Professional Society Committees

- Council Member, Southern Society for Pediatric Research (2003-present).

Special Assignments

- Consulting to Lafayette General Medical Center (LGMC), Lafayette, LA: to review Infection Control practices and infection rates for the Neonatal Intensive Care Unit (NICU) and to advise on interventions for improvement

CLINICAL SERVICE

In-patient service activities

- Eleven-month attending coverage for the Infectious Diseases Service. Statewide referral base for clinical activities has been established at Children's Hospital and University Hospital. On average 60-90 ID inpatient consultations are attended every month (1995-now).
- One month of general pediatric service every year is provided at University Hospital. On average 300 patients are seen during that period, approximately 10% of them requiring intensive care (1996-2000).

Clinic coverage

- Outpatient service is available at Children's Hospital on all sort of infectious diseases, including HIV diagnosis, evaluation and treatment. Also, a "Traveler's Clinic for Children" has been opened to provide advice and evaluation in immunizations and chemoprophylaxis for children and families traveling abroad. Clinic consists of one half-day clinic per week for 12 months. On average approximately 20-30 outpatients are seen every month. In addition, about 100 telephone calls and informal "curbside consults" are attended every month regarding the care of patients statewide.

Call

- On call 11 months a year, when covering the Infectious Diseases Service, including weekdays, nights and weekends.

ADMINISTRATIVE RESPONSIBILITIES

Departmental

- **Division Chief**, Infectious Diseases, Department of Pediatrics, LSUHSC, New Orleans. Responsible for administrative activities, determining mission and goals of the division and supervising all activities of other divisional members (2001-present). During this period two new subspecialty clinics have been initiated and a new office (Tiger Care) has been added; the inpatient and outpatient referral base has increased by 30%, and billings and collections improved by 25%; number of educational activities by division members have doubled; a laboratory has been implemented and research work and training started with fellows, residents and allied personnel.

School of Medicine

None

LSUHSC

None

Hospital

- Chief, Infectious Diseases Department at Children's Hospital, New Orleans (1994-present). Responsible for coordinating clinical activities, preparing and implementing departmental budget and interacting with other departments and hospital administration.
- Director, Infectious Diseases Clinic, Children's Hospital, New Orleans, LA (2001-present): responsible for coordination of clinical activities. During this period, statewide referral base increased, 2 subspecialty clinics were added (Traveler's advice and HIV care), funding support for personnel was secured, and teaching activities (rotating students, residents and fellows) increased.

Interdisciplinary/other program

- Associate Director, Pediatric Infectious Diseases Fellowship Training Program, Combined LSU / Tulane (1998-present). Responsible for selection, supervision, scheduling, evaluation and mentoring of trainees.
- Director, Infectious Diseases Laboratory, Research Institute for Children. Responsible for personnel administration, budgeting, training and research agenda (2001-present).
- Member, Emerging Infections Network, an initiative by the Centers for Disease Control and Prevention, and the Infectious Diseases Society of America. Nationwide surveillance system on infectious processes of potential public health relevance. (1996-2002).

COMMUNITY SERVICE ACTIVITIES

- Key contact member for the American Academy of Pediatrics on “Fight Tobacco”. Lobbying at local level and community intervention to fight smoking among teenagers (1998-2001).
- New Orleans Public Schools Urban Systemic Initiative Speakers’ Bureau member. Set of lectures to alert youngsters to the importance of mathematics and science in their future. (1998-2000).
- Member of the Federal Advocacy Action Network (FAAN), Department of federal Affairs of the American Academy of Pediatrics (AAP). Advocacy for children (1998-2002).
- 2005, Participant as AAP Spokesperson Healthy Kids en Español.
- 2005, September: Review of Infection Control Practices for the Lafayette General Medical Center, Lafayette, Louisiana.

PUBLICATIONS

Books:

None

Book Chapters:

1. **Begue RE.** La Infección por VIH/SIDA en la población pediátrica. In: SIDA, epidemiología, diagnóstico, tratamiento y control de la infección VIH/SIDA. Sanchez J, Mazzotti G, Cuellar L, Campos P, Gotuzzo E, eds. Lima 1994:261-280. [Spanish].
2. **Begue RE,** Gastañaduy A. Acute gastroenteritis viruses. In: Infectious Diseases. Armstrong D, Cohen J, eds. Mosby, London, 1st edition, 1999:8.1.1-8.1.10; 2nd edition, 2003; 3rd edition (in process).
3. **Bégué RE.** Hansen’s Disease. In: Current Pediatric Therapy. Burg FD, Wald ER, Ingelfinger JR, Polin RA, eds. W.B. Saunders Company, Philadelphia, 17th edition, 2002:78-82.
4. Sanzone A, **Bégué RE.** Hepatitis C and Arthritis: An Update. In: Infectious Disease Clinics of North America. Espinoza LR, ed. W.B. Saunders Company, Philadelphia, 2006;20:877-889.

5. **Bégué, RE.** Plant-Derived Immunobiologics. In: Jaynes JM, Destefano-Beltram L, Sawyer RA (eds). Development and Commercialization of Genetically Engineered Plants. Marcel Dekker, Inc, New York, (submitted).

Videos and Multimedia

1. **Begue RE,** et al. Pediatric Review Program: A comprehensive certification and recertification study guide. Steele RW, Marks M, eds., Clinical Communications, Inc., 1998. CD ROM version.

Scientific Exhibits

None

Journal Publications (Refereed)

1. **Begue RE,** Dennehy PH, Peter G. Hemolytic uremic syndrome associated with *Streptococcus pneumoniae*. *New England Journal of Medicine* 1991;325:133-134.
2. **Begue RE,** Lindo-Soriano I. Failure of intrathecal tetanus antitoxin in the treatment of tetanus neonatorum. *The Journal of Infectious Diseases* 1991;164:619-620.
3. **Begue RE,** Dennehy PH, Huang J, Martin P. Serotype variation of group A rotaviruses over nine winter epidemics in southern New England. *Journal of Clinical Microbiology* 1992;30: 1592-1594.
4. **Begue RE,** Neill MA, Papa EL, Dennehy PH. A prospective study of shiga-like toxin associated diarrhea in a pediatric population. *Journal of Pediatric Gastroenterology and Nutrition* 1994;19: 164-169.
5. **Begue RE,** Castellares G, Hayashi KE, Ruiz R, Meza R, English K, Gotuzzo E, Sanchez JL, Oberst R. Diarrheal disease in Peru after the introduction of cholera. *The American Journal of Tropical Medicine and Hygiene* 1994; 51:585-589.
6. Sanchez JL, Vasquez B, **Begue RE,** Meza R, Castellares G, Cabezas C, Watts DM, Svennerholm AM, Sadoff JC, Taylor DN. Protective efficacy of oral whole-cell/recombinant-B-subunit cholera vaccine in Peruvian military recruits. *The Lancet* 1994;344:1273-1276.
7. **Begue RE,** Castellares G, Ruiz R, Hayashi KE, Sanchez JL, Gotuzzo E, Oberst RB, Taylor DN, and Svennerholm A-M. Community-based assessment of safety and immunogenicity of the whole cell plus recombinant B subunit (WC/rBS) oral cholera vaccine in Peru. *Vaccine* 1995;13:691-694.

8. **Begue RE**, Meza R, Castellares G, Cabezas C, Vasquez B, Ballardo A, Cam J, Sanchez JL. Outbreak of diarrhea due to *Vibrio parahemolyticus* among military personnel in Lima, Peru. *Clinical Infectious Diseases* 1995;21:1513-1514
9. **Begue RE**, Castellares G, Cabezas C, Sanchez JL, Meza R, Watts DM, Taylor DN. Immunogenicity of a booster dose of the whole cell plus recombinant B subunit (WC/rBS) oral cholera vaccine in Peruvian volunteers. *Infection and Immunity* 1995;63:3726-3728.
10. **Begue RE**, Guillen A, Meza R. Brucella antibodies and oral cholera vaccination. *The Lancet* 1995; 346:115-116.
11. Cabezas C, Bustamante B, Holgado W, **Begue RE**. Treatment of cutaneous sporotrichosis with one daily dose of potassium iodide. *The Pediatric Infectious Disease Journal* 1996;15: 352-354.
12. Oshiro AC, **Begue RE**, Steele RW. Varicella disease and transmission in pediatric house officers. *The Pediatric Infectious Disease Journal* 1996;15:461-462.
13. Estrada B, Silio M, **Begue RE**, van Dyke R. Unsuspected hepatosplenic involvement in patients hospitalized with Cat-Scratch Disease. *The Pediatric Infectious Disease Journal* 1996;15:720-721.
14. Steele RW, Estrada B, **Begue RE**, Mirza A, Travillion DA, Thomas MP. A double blind taste comparison of pediatric antibiotic suspensions. *Clinical Pediatrics* 1997;36:193-199.
15. **Begue RE**, Gonzales JL, Correa-Gracian H, Tang SC. *Helicobacter pylori* infection in children with abdominal ailments in a developing country. *The American Journal of the Medical Sciences* 1997;314:279-283.
16. Pettit LL, Gee SQ, **Begue RE**. Epidemiology of sharp object injuries in a children's hospital. *The Pediatric Infectious Disease Journal* 1997;16:1019-1023.
17. **Begue RE**, Gee SQ. Improving influenza immunization among health care workers. *Infection Control and Hospital Epidemiology* 1998;19:15-17.
18. **Begue RE**, Martin P, Saracen C, Dennehy PH. Homotypic and heterotypic responses following natural infection with rotavirus serotypes G1 and G4 in children. *Journal of Medical Virology* 1998;56:52-57.
19. **Begue RE**, Gonzales JL, Correa-Gracian H, Tang SC. Dietary risk factors associated with transmission of *Helicobacter pylori* in Lima, Peru. *The American Journal of Tropical Medicine and Hygiene* 1998;59:637-40.

20. Shetty AK, **Begue RE**, Coffman K, White-Sims ST, Steele RW. Lemierre's syndrome following mastoiditis. *Infections in Medicine* 1998;15:323-325.
21. Quiñonez JM, **Begue RE**, Steele RW. HIV-seronegativity in an infant with the acquired immunodeficiency syndrome. *Southern Medical Journal* 1998;91:879-881.
22. **Begue RE**, Mehta DI, Blecker U. *Escherichia coli* and the hemolytic uremic syndrome: presentation and management. *Southern Medical Journal* 1998;91:798-804.
23. Steele RW, Thomas MP, **Begue RE**, Despinasse BP. Selection of pediatric antibiotic suspensions: taste and cost factors. *Infections in Medicine* 1999;16:197-200.
24. **Begue RE**, Mirza A, Compton T, Gomez R, Vargas A. *Helicobacter pylori* infection and insulin requirement among children with type 1 diabetes mellitus. *Pediatrics electronic pages* 1999;103 (6): e83.
25. Quiñonez JM, Chew F, Torres O, **Begue RE**. Nutritional status of *Helicobacter pylori*-infected children in Guatemala as compared to uninfected peers. *American Journal of Tropical Medicine and Hygiene* 1999;61:395-398
26. Perez-Mato S, Robinson S, **Begue RE**. Vancomycin-resistant *Enterococcus faecium* meningitis in an infant: successful treatment with chloramphenicol. *The Pediatric Infectious Disease Journal* 1999;18:483-484.
27. Mirza A, Wyatt M, **Begue RE**. Infection control practices and the pregnant health care worker. *The Pediatric Infectious Disease Journal* 1999;18:18-22.
28. Gastañaduy AM, **Begue RE**. Acute gastroenteritis. *Clinical Pediatrics* 1999;38:1-12.
29. Taylor DN, Cardenas V, Sanchez JL, **Begue RE**, Gilman R, Bautista C, Perez J, Puga R, Gaillour A, Meza R, Echeverria P, Sadoff J. Two-year study of the protective efficacy of the oral whole cell plus recombinant B subunit (WC/rBS) cholera vaccine in Peru. *Journal of Infectious Diseases* 2000;181(5):1667-1673.
30. Perez-Mato S, Begue CR, English MR, **Begue RE**. Drug-resistant *Streptococcus pneumoniae* spinal epidural abscess in a toddler. *The Pediatric Infectious Diseases Journal* 2000;19:665-667
31. Steele RW, Thomas MP, **Begue RE**. Compliance issues related to the selection of antibiotic suspensions for children. *Pediatric Infectious Diseases Journal* 2001;20:1-5.
32. Gardner RV, **Bégué RE**, McKinnon E. The effect granulocyte-macrophage colony-stimulating factor (GM-CSF) on primitive hematopoietic stem cell (PHSC) function and numbers, after chemotherapy. *Experimental Hematology* 2001;29:1053-1059.

33. Zhang Z, Correa H, **Bégué RE**. Infliximab and Disseminated Histoplasmosis. *New England Journal of Medicine* 2002;346:624.
34. **Bégué RE**, Gomez R, Compton T, Vargas A. Effect of *Helicobacter pylori* eradication and the glycemia of children with type 1 diabetes: a preliminary study. *Southern Medical Journal* 2002;95:842-845.
35. Ukarapol N, **Bégué RE**, Hempe J, Correa H, Gómez R, Vargas A. Association between *Helicobacter felis*-induced gastritis and elevated glycated hemoglobin levels in a mouse model of type 1 diabetes. *J Infect Dis* 2002;185:1463-1467.
36. Pérez Mato S, Perrin K, Scardino D, **Bégué RE**. Rotavirus vaccine effectiveness in a pediatric group practice. *American Journal of Epidemiology* 2002;156:1049-1055.
37. Spinetti N, Zavala-Spinetti L, Hempe J, Correa H, **Bégué, RE**. Long-term effect of *Helicobacter felis* infection in a mouse model of streptozotocin-induced diabetes. *Helicobacter* 2005;10(6):586-591.
38. Staat MA, Cortese MM, Bresee JS, **Bégué RE**, Vitek C, Rhodes P, Zhang R, Gentsch J, Ward R, Bernstein DI, Dennehy PH. Rotashield Vaccine Effectiveness and Factors Associated with Receipt of Vaccine. *The Pediatric Infectious Diseases Journal* 2006;25:1013-1028.
39. Zavala-Spinetti L, Breslin MB, Correa H, **Bégué RE**. Construction and evaluation of a *Helicobacter pylori* urease B DNA vaccine. *Helicobacter* 2006;11:517-522.
40. Dennehy PH, Cortese M, **Bégué RE**, Jaeger JL, Roberts NE, Zhang R, Rhodes P, Gentsch J, Ward R, Bernstein DI, Vitek C, Bresee J, Staat MA,. A case-control study to determine risk factors for hospitalization for rotavirus gastroenteritis in US children. *The Pediatric Infectious Diseases Journal* 2006;25:1123-1131.
41. **Bégué, RE**, Manning J, Correa H. Development of a real-time polymerase chain reaction to quantify *Helicobacter felis* bacteria in stomach specimens: application for vaccine efficacy studies. *Southern Medical Journal* 2006;99:1306-1307.
42. Pai PJ, Blackburn BG, Kazacos KR, Warriar RP, **Bégué RE**. Full recovery from *Baylisascaris procyonis* eosinophilic meningitis. *Emerging Infectious Diseases* 2007;13:928-930.
43. **Bégué RE**, Cruz AR, Ramgoolam A, Breslin MB. Immunogenicity of *Helicobacter pylori* urease B protein and DNA vaccines in a mouse model. *Journal of Pediatric Gastroenterology and Nutrition* 2007;45:493-496.

44. **Bégué RE**, Moll A. Immunogenicity of recombinant *Helicobacter pylori* urease B administered by various routes and with different adjuvants. *The Open Vaccine Journal* 2009;2(5):28-32.
45. **Bégué RE**, Perrin K. Effectiveness of Vaccination with Pentavalent Rotavirus vaccine to Prevent Gastroenteritis in Primary Practice. *Pediatrics* (submitted).
46. Sanzone AM, **Bégué RE**. Rotavirus Hospital Surveillance in the Era of Immunization. *The Open Vaccine Journal* (accepted).
47. **Bégué RE**, Sadowska-Krowicka H. Protective efficacy of urease B and aluminum hydroxide against *Helicobacter pylori* in a mouse model. *Helicobacter* (submitted).
48. Morrison C, Maurtua-Neumann P, Myint MT, Drury Stacy S, **Bégué RE**. Outbreak of Pandemic Influenza A (H1N1) 2009 at a Summer Camp for Children with Hematologic and Oncologic Conditions. *Emerging Infectious Diseases* (submitted).

Journal Publications (non-refereed):

1. **Begue RE** and Dennehy PH. Respiratory syncytial virus infections at Rhode Island Hospital: use of ribavirin. *Rhode Island Medical Journal*. 1991;74:17-22.
2. **Begue RE**, and Steele RW. Ceftriaxone in Pediatrics: severe infections. *Reviews in Contemporary Pharmacotherapy* 1995;6:401-413.
3. Mirza A, Stanberry LR, **Begue RE**. A 26-day old with apnea and cyanosis. *Infections in Medicine* 1996;13:93-96.
4. Quiñonez JM, **Begue RE**, van Dyke RB. A chronic granulomatous patient with acute chest syndrome. *Infections in Medicine* 1998;15:688-691.
5. **Begue RE**. *H.pylori* diagnosis: who should be tested, and how? *Infections in Medicine* 1998;15:295-296 [editorial].
6. Quiñonez JM, Steele RW, **Begue RE**. A young child with a limp. *Infections in Medicine* 1999;16:18-20.
7. **Begue RE**. Group A streptococcus and the pediatrician: old and new. [editorial]. *Clinical Pediatrics* 1999;38:485-488.
8. Perez-Mato S, Stamm WE, **Begue RE**. A 3 month old with sepsis. *Infections in Medicine* 1999;16:311-316.

9. Ramgoolan A, **Bégué RE**, Steele RW. Severe leg pain and anuria in a 5 year old. *Infections in Medicine* 2002;19:253-255. **Begue RE**, Mirza A, Wyatt M. Infection Control Practices and the Pregnant Health Care Worker. *Children's Hospital Pediatric Review* 1999;12(2):1-4.
10. **Begue RE**. Rotavirus Infections: Back to Basics. *Children's Hospital Pediatric Review* 2001;15(12):1-4.
11. Klos R, **Begue RE**. SARS – Is it time to panic yet? *Children's Hospital Pediatric Review* 2003;17(7):1-4.
12. **Begue RE**, Miranda L. Pertussis: more common than you think. *Children's Hospital Pediatric Review* 2005;19(3):1-4.

Abstracts

1. **Begue RE**, Dennehy PH, Huang J, Veloudis BA. Serotype variation of Group A rotaviruses over nine winter epidemics in southeastern New England. Abstract #1416, p335, 31st ICAAC. 1991.
2. **Begue RE**, Neill M, Dennehy PH, Papa E. Incidence of verotoxin associated diarrhea in hospitalized young children. Abstract #745, p223, 31st ICAAC. 1991.
3. Dennehy PH, **Begue RE**, Spangenberger S, Veloudis VA. Viral etiology of acute diarrhea in hospitalized young children. Abstract #768, p227, 31st ICAAC. 1991.
4. **Begue RE**, Neill M, Papa E, Dennehy PH. The role of verotoxin producing *Escherichia coli* (VTEC) in diarrhea in hospitalized pediatric patients. Abstract #506, p87A, APS/SPR 1992 Annual Meeting, May 4-7 1992, Baltimore.
5. **Begue RE**, Martin PA, Dennehy PH. Homotypic serologic response to viral proteins of human rotavirus serotype 4 following natural infection in young children. Abstract #928, p157A, APS/SPR Annual Meeting May 4-7 1992, Baltimore.
6. Albanese BA, **Begue RE**, Martin PA, Dennehy PH. Protective role of antibody to specific rotavirus proteins in infants receiving rhesus rotavirus vaccine. Abstract #948, p161A, APS/SPR Annual Meeting, May 3-6 1993, Washington, DC.
7. **Begue RE**, Castellares G, Ruiz R, Hayashi K, Sanchez J, Taylor D. Community-based assessment of safety and acceptability of the whole cell plus recombinant B subunit (WC/rBS) oral cholera vaccine in Peru. Abstract #786, p263, 33rd ICAAC 1993.
8. Sanchez JL, **Begue R**, Gaillour A, Cardenas V, Gillman R, Taylor DN, Bourgeois AL, Svennerholm A-M, Watts DM. Feasibility of an efficacy trial of the whole cell

- plus recombinant B subunit (WC/rBS) oral cholera vaccine in Lima, Peru. Abstract #, Am Soc Trop Med Hyg Annual Meeting, 1994.
9. Castellares G, Cabezas C, Gotuzzo E, **Begue R**, Sanchez J. Intrafamilial transmission and risk factors for cholera in a peri-urban district of Lima, Peru. Abstract #J224, p269, 34th ICAAC, Oct. 4-7 1994, Orlando, Florida.
 10. Sanchez J, Grados P, Caciano M, Molina R, Contreras M, **Begue R**, Meza R, Watts D, Gaillour A, Cardenas V, Gillman R, Loomis L, Burans J, Taylor D. Evaluation of a rapid coagglutination diagnostic test for cholera. Abstract #D35, p153, 34th ICAAC, Oct 4-7 1994, Orlando, Florida.
 11. Sanchez J, Vasquez B, **Begue R**, Meza R, Castellares G, Cabezas C, Watts D, Ballardo A, Cam J, Taylor D. An efficacy trial of the whole cell plus recombinant B subunit (WC/rBS) oral cholera vaccine in Peruvian military personnel. Abstract #G35, p25, 34th ICAAC, Oct. 4-7 1994, Orlando, Florida.
 12. Cabezas C, Ramos F, Sanchez J, Vega M, **Begue RE**. The hyperendemicity of hepatitis B and Delta virus in pediatric population of Huanta, Peru. Abstract #1011, p171A, APS/SPR Annual Meeting, May 7-11 1995, San Diego, CA.
 13. Gonzales JL, **Begue RE**. The prevalence and epidemiology of *Helicobacter pylori* infection in Lima, Peru. Abstract #1037, p175A, APS/SPR Annual Meeting, May 7-11, 1995, San Diego, CA.
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