Connecting Science to Practice

Emory Center for Injury Control
Biennial Report 2010-2012
2010 — 2012: Years of growth and expansion

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Dear Colleagues:

This has been an extraordinary period of growth in partners, services, and programs for the Emory Center for Injury Control. Since our last report two years ago, the Center has continued to increase its numbers of inter-disciplinary experts based at Atlanta area colleges and universities, community-based organizations, and government agencies. We have also expanded our workshops and trainings, integrated social media into our work, and branched out into new programs. The result has been a fuller, multipronged approach to reducing the incidence of injury and violence.

The Emory Center for Injury Control remains dedicated to reducing the health and economic impacts of injuries in Atlanta, throughout Georgia, and worldwide. Our core and affiliate faculty are widely recognized for work on a variety of topics, including interventions for intimate partner violence, evaluation of programs to prevent child maltreatment and youth violence, development of treatments for traumatic brain injury and post-traumatic stress disorder, and reduction of motor vehicle injuries. And, for the past seventeen years the Center has been an official "Collaborating Center" for injury control, violence prevention, and emergency health services for the Pan American and World Health Organizations.

Our Center strongly believes that our work must be disseminated into both the academic and practice communities to promote successful interventions and findings. We have now published our third special journal issue highlighting the research of our Center with copies being sent to academic injury centers as well as state public health departments. We convened a coalition of stakeholders at Emory to form the Emory Safety Alliance and then spearheaded the successful Safe Communities designation process for the University. The Center has also offered two regional 3-day trainings for our community of injury and violence partners to enhance skills in advocacy and policy, grant writing, and program evaluation. In addition, we have funded more exciting pilot projects, summer scholars, and other innovative programs that you will read about in this report.

Finally, I want to thank all of our supporters at our participating universities, many of whom have pledged resources and services for our growing Center; our dedicated faculty and staff who conduct ground breaking research and work to improve our community; and to Art Kellermann, MD, MPH, our founding director whose vision and dedication to the injury field has inspired us all.

Sincerely,

Deb Houry, MD, MPH
Director, Emory Center for Injury Control
Injury is unique

because it affects people of all ages, ethnicities, and socioeconomic groups. No one is immune. But research shows that both intentional and unintentional injuries can be prevented.

Mission:
To build the field of injury prevention and reduce injuries in Georgia by facilitating collaborations, supporting innovative research, training practitioners and researchers, and strengthening the bridge between science and practice.

Vision:
The Emory Center for Injury Control (ECIC) is committed to reducing and preventing injuries and violence in Georgia, particularly among vulnerable populations. We support interdisciplinary and collaborative relationships with universities and community partners to facilitate, strengthen and transform injury prevention in Georgia. The ECIC will nurture and develop the next generation of injury prevention practitioners and researchers and also enhance the knowledge and skills of those currently in the field. We will conduct applied research that informs practice through the implementation, dissemination, and diffusion of our findings.
Injury prevention is no accident. Since 1993, ECIC has systematically worked to reduce the health and economic impact of injuries throughout Atlanta, throughout Georgia, and throughout the world.

The ECIC has established a strong reputation for innovative research. The Center’s core and affiliate faculty members have conducted and published important work in many fields, including injury epidemiology, prevention, acute care, public policy, and program evaluation. Many members of the faculty are nationally or internationally recognized leaders in the field. Beyond research, the Center’s impact is also felt in the practice of injury prevention.

In 2009, the ECIC became a Centers for Disease Control and Prevention-funded Injury Control Research Center. Since then, the Center has made strides in expanding its administrative infrastructure to manage an increased portfolio of programs and services available to its ever-growing community of researchers, practitioners, and students. This has allowed the ECIC to better support relevant, high-quality and high impact injury prevention research. This hard work has paid off, as evidenced by the strong and wide-reaching collaborations that the ECIC continues to form with the injury prevention community.

While the administrative core is located at Emory University, the ECIC is truly a center without walls or silos. Faculty from various organizations hold leadership positions and serve on committees that guide the Center’s mission and activities. Three of the five Associate Directors represent organizations other than Emory University. The Center’s commitment to collaboration and inclusivity is also seen in its partnerships. The Center involves, as full partners, an exceptional range of interdisciplinary experts based at Atlanta-area colleges and universities, community-based organizations, and government agencies.

Through its efforts, the Center has shown that injuries can be prevented and the impact of injury can be mitigated. The Center’s collaborative approach and history of achievement has helped lay a foundation for its current successes.
Evidence of the ECIC’s achievement can be seen in its activities and participation from faculty, practitioners, students, and community members over the past two years. In order to report its successes, the Center has developed and implemented tracking mechanisms over the past year.

- The number of students who enrolled in ECIC’s course “Injury Control and Prevention” at Emory’s School of Public Health in Fall 2011: 22
- The number of students who enrolled in “Violence as a Public Health Problem” at Emory’s School of Public Health in Spring 2012: 19
- The number of applications for the Center’s 2nd and 3rd cohort of Pilot Grants: 40
- The number of projects funded through the pilot grants: 15
- The number of institutions represented among the funded pilot grants: 5
- The number of MPH-level students that the ECIC placed with local organizations since 2010 through the Practicum Program: 11
- The number of newsletters that have been distributed since September 2010. All newsletters are available on the ECIC website: 7
- The number of books available in the ECIC library. The library is accessible through the Center’s website and is available to faculty, students, and practitioners in local organizations: 350
- The combined number of participants who attended the two interactive Injury Data Workshops, hosted by ECIC and the Georgia Department of Public Health. The workshops covered multiple local injury-related datasets and are available as podcasts on the ECIC website: 68
- The number of 2011 and 2012 Summer Student Scholarship applications: 21
- The total number of students who received summer scholarships in 2011 and 2012: 8
- The number of technical assistance requests from faculty and community-based organizations: 40
- The number of articles that ECIC faculty have published in the Center’s 3 special editions of WestJEM since 2010: 47
- The number of Brown Bag Lectures offered since 2010: 8
Core Activities

To achieve its mission, the ECIC engages in three Core Activities: Community Outreach, Research, and Education and Training. The ECIC provides services within each Core Activity, and each plays a part in the strategic pursuit of building the field and reducing the impact of injury. Most services support faculty researchers and practitioners in the field of injury control, but because of the Center’s extensive partnerships, the ECIC also connects people to resources beyond its scope. Together, these activities bridge the gap between science and practice.

Community Outreach

- Technical Support:
  - Evaluation support
  - Community needs assessment support
  - Curriculum development support
  - Content knowledge support and lectures around injury topics
  - Grant application support
  - Social media support
- Community Engagement Committee

Research

- Technical support:
  - Literature searches
  - Methodological and statistical support
  - Translation and dissemination research development support
  - Economic evaluation research development support
- Grants:
  - Core research portfolio
  - One-year pilot grants
- Scientific Oversight Committee

Education and Training

- Brown Bag Lecture Series
- Skill-based Workshops
- Faculty Mentorship Program
- Skill-Based Practitioner Training Program
- MPH-Level courses:
  - Rollins School of Public Health, Emory University
    - Violence as a Public Health Problem
    - Injury Control and Prevention
  - Georgia State University Institute of Public Health
    - Epidemiology and Prevention of Violence
- Summer Student Scholarships
- Practicum Program
- Injury Control Fellowship
- International Health Fellowship
Research Core

Through its Research Core, the ECIC develops, conducts, and supports multidisciplinary, multi-institutional research to discover new and best practices for prevention and treatment of a wide range of violence and unintentional injury problems. In particular, the Center focuses on studies aimed at reducing the burden of injuries in highly vulnerable populations and research that contributes to the rapid translation of prevention science to public health practice. The ECIC’s core research portfolio includes one large project (funded for five years) and four small projects (funded for two years each).

Large Project

*Primary Prevention of School-Based Bullying, Victimization and Their Negative Effects
Principal Investigators: Dr. Joel Meyers, Dr. Kris Varjas, Georgia State University

Small Projects

Economic Evaluation of Child Maltreatment (completed)
Principal Investigator: Dr. Phaedra Corso, University of Georgia

Prevention of Post-Traumatic Stress Disorder in Acutely Injured Trauma Patients (completed)
Principal Investigator: Dr. Barbara Rothbaum, Emory University, School of Medicine

*Evaluation of Georgia’s Graduated Driver’s License Program 10 Years After Its Inception
Principal Investigator: Dr. Nancy Thompson, Emory University, Rollins School of Public Health

*Preclinical Assessment of Progesterone Treatment for Pediatric Traumatic Brain Injury
Principal Investigator: Dr. Donald Stein, Emory University, School of Medicine

*Currently active projects

Researcher Highlight: Barbara Rothbaum, PhD

Dr. Rothbaum had great success on her ECIC Small Project: it was the first study showing that a behavioral intervention begun in the Emergency Department within hours of injury can be effective at preventing Post-Traumatic Stress Disorder (PTSD). Her findings were recently published in Biological Psychiatry, and these data helped her and co-investigators Dr. Kerry Ressler and Dr. Debra Houry obtain a grant from the National Institutes of Health to study psychobiological risk factors for PTSD.
In addition to the Center’s core research portfolio, the ECIC funds one-year pilot grants through the Faculty Pilot Grant Program. Over the past year, the ECIC has increased the number of pilot projects it has funded and expanded projects to more institutions. This program facilitates and promotes innovative interdisciplinary research activities to yield future high-impact injury prevention research. The 4 categories of grants are designed to provide incentives and support for researchers to work collaboratively with interdisciplinary teams and community members on projects that can lead to or support the preparation of a larger grant proposal. The pilot grant categories are:

- One-year Pilot Grants
- Translation Research Grants
- Community-Based Research or Capacity-Building Grants
- Cooperative Grants

The following pilot projects were awarded in the 2011-2012 cycle and are now complete:

Building Law Enforcement and Community-Based Capacity to Combat Gang Violence
**Principal Investigator:** Dr. Dean Dabney, Georgia State University

Elder Mistreatment Cases in DeKalb County, Georgia: Taskforce Against Mistreatment of Elders – TAME
**Principal Investigator:** Dr. Thomas Price, Emory University

Understanding Barriers to Enrollment and Completion of Evidence-Based Interventions for Youth at Risk for Violence Perpetration and Victimization
**Principal Investigator:** Dr. Shannon Self-Brown, Georgia State University

Mild Traumatic Brain Injury among Middle and Secondary School Football Players
**Principal Investigator:** Dr. Bryan Williams, Emory University (formerly Georgia State University)

The Social Determinants and Clustering of Drowning in Georgia
**Principal Investigator:** Dr. Catherine Lynch, Duke University (formerly Emory University)

The following projects were awarded in the 2012-2013 cycle and are currently underway:

1. Analysis of Georgia Pediatric Motor Vehicle Collision Outcomes Based on Designation, Distance, and Demographics
   **Principal Investigator:** Dr. Anitha Mathew, Emory University

2. Improving Impact of a Child Maltreatment Prevention Program Through Online Social Networking
   **Principal Investigator:** Dr. Anna Edwards-Gaura, Georgia State University

3. Community-Based Telemedicine to Reduce Risk to Georgia Veterans with PTSD
   **Principal Investigator:** Dr. Barbara Rothbaum, Emory University

4. Development of a Group-Based SafeCare Parent Training Program
   **Principal Investigator:** Dr. Jenelle Shanley, Georgia State University

5. Training Social Workers to Identify Youth at Risk for the Commercial Sexual Exploitation of Children (CSEC): A Pilot Evaluation Study
   **Principal Investigator:** Dr. Jennifer McMahon-Howard, Kennesaw State University

6. Approaching Intimate Partner Violence through Restorative Justice Practices
   **Principal Investigator:** Dr. Laura Salazar, Georgia State University

7. Disseminating a Successful Program of Adapted Tango Dance for Older Adults with Sensory and Motor Deficits
   **Principal Investigator:** Dr. Madeleine Hackney, Emory University

8. Familias Fuertes: Culturally Relevant Violence Prevention for Latino Youth
   **Principal Investigator:** Dr. Pamela Orpinas, University of Georgia

9. Developing and Validating an Intimate Partner Violence Screening Tool for Gay and Bisexual Men in HIV Clinical Settings
   **Principal Investigator:** Dr. Robert Stephenson, Emory University

10. Dissemination of a Safety Risk Scale for Persons with Traumatic Brain Injury
    **Principal Investigator:** Dr. Ronald Seel, Shepherd Center
Translation Research

“Disseminating and implementing programs effectively is as important as identifying effective programs.” – Dr. James Emshoff

Translation Research is a primary focus of the ECIC, and as such the Center has resources available through the Translation Research Section to help the ECIC community understand the critical role of using implementation and dissemination research to translate scientific findings to community practice. Dr. Emshoff leads these efforts:

- In May 2012, 35 participants attended the second Translational Research Workshop hosted by ECIC
- Dr. Emshoff offers translation and dissemination research development support consultations for faculty members

Economic Evaluation

“Economic Evaluation is designed to inform decision making regarding both the economic and (health, education, environmental) consequences of various possible actions.” – Dr. Phaedra Corso

The ECIC strives to build capacity in the area of economic evaluation research, in order to help researchers and practitioners understand methods to determine and compare the costs and consequences of a given program or intervention. Dr. Corso leads these efforts:

- In June 2012, ECIC hosted its first Economic Evaluation Workshop in which 56 participants received an introduction to this concept and methodology
- Dr. Corso is available to faculty for research support consultations

In August 2012, the Western Journal of Emergency Medicine released its 3rd edition in which ECIC has had complete editorial control. ECIC faculty members contribute to each edition with a wide range of injury prevention research topics. This issue theme was Injury Disparities & Vulnerable Populations.

For archived copies of WestJEM, visit the ECIC website.
The Education and Training Core is an essential element of the ECIC. It complements and builds upon the Research Core and represents the embodiment of the ECIC’s goal to translate science to practice. Through education and training, the ECIC promotes and builds the field by training and developing the next cadre of practitioners and researchers, and serves as a friendly and accessible resource for high-quality, accurate and readily useful information and technical assistance.

### Education and Training Core

The ECIC awarded Summer Student Scholarships to 3 students in 2011 and 5 students in 2012, spanning a diverse range of violence and injury topic areas. These graduate students represent a variety of departments across Emory University, Georgia State University, and the University of Georgia.

The ECIC continued to offer its quarterly violence and unintentional injury prevention Brown Bag Lecture Series to the local injury prevention community. The 8 seminars hosted by the ECIC from Fall 2010 – Spring 2012 were:

- **PTSD Intervention for Latino Women** by Dr. Ursula Kelly from Emory University
- **School-based Screening for Behavioral and Emotional Risk** by Dean Randy Kamphaus and Dr. Bridget Dever from Georgia State University
- **Elder Mistreatment** by Dr. Brian Payne and Dr. Sheryl Strasser from Georgia State University
- **Drowning Prevention** by Ms. Terri Miller from Safe Kids Georgia and Ms. Arleymah Raheem from the Georgia Office of the Child Advocate
- **Sudden Unexplained Infant Death (SUID) Risk Factors and Prevention Opportunities** by Arleymah Raheem and Carri Cottengim from the Georgia Office of the Child Advocate
- **The Epidemiological Patterns of Honor Killings of Women in Pakistan** by Dr. Muazzam Nasrullah from the Centers for Disease Control and Prevention
- **Crime in Motion: Predation, Retaliation, and the Spread of Urban Violence** by Dr. Volkan Topalli from Georgia State University
- **Readiness for Transition to Adulthood in Teens with Acquired Brain Injury** by Dr. Julie Haarbauer-Krupa from the Brain and Spinal Injury Trust Fund Commission
To assist in the training of local, state, and regional public health practitioners, the Emory Center for Injury Control (ECIC) offers a three-day skill-based training program. This competency-based training helps strengthen and build capacity within injury prevention organizations by providing training to participants in Program Evaluation, Grant Writing, and Policy. Each participant is encouraged to develop a useful product for their organization with the skills learned during the program and with additional web-based coaching provided by ECIC. The specific training topics and injury content areas are responsive to practitioner’s needs identified through formal needs assessments. Program participants are taught by expert trainers from the CDC, professional trainers, and other expert consultants in the field. ECIC’s Training Program also offers continuing education contact hours for Certified Health Education Specialists attending the training program as well as an accommodations scholarship for participants traveling from far distances outside the Metro-Atlanta area.

1st Training – August 2011
- Focus Areas: Motor Vehicle Collisions, Poisoning
- Skill-based Tracks: Grant Writing, Program Evaluation, Policy
- 53 Participants

2nd Training – March 2012
- Focus Areas: Intimate Partner Violence, Youth Violence
- Skill-based Tracks: Grant Writing, Program Evaluation, Policy
- 47 Participants
Practicum Program

Each semester, the ECIC matches community-based and state-level organizations with Emory Master of Public Health (MPH) students to work on injury-related projects for a ten-week paid internship. This program has expanded significantly over the past two years, and is designed to provide students with hands-on public health and injury-related experience, as well as assist organizations with limited funds and capacity in completing much-needed projects.

Matched Organizations and Projects, Fall 2010 – Spring 2012:

- Georgia Coalition Against Domestic Violence
  *Homicide Database Development and Utilization*

- Injury Free Coalition for Kids of Atlanta
  *Car Seat Non-Compliance Pilot Study*

- Safe Kids Georgia
  *Childhood Risk for Hyperthermia in Georgia*

- Shepherd Center
  *Middle School Injury Prevention Program Assessment*

- Brain and Spinal Injury Trust Fund Commission
  *State Action Plan Evaluation*

- Georgia State University, Department of Criminal Justice
  *Building Law Enforcement and Community-based Capacity to Combat Gang Violence, Research Assistant*

- Partnership Against Domestic Violence
  *Teen Dating Violence Prevention Program Evaluation*

- Stephanie V. Blank Center for Safe and Healthy Children, Children’s Healthcare of Atlanta
  *Child Abuse Intervention & Prevention Program Improvement*

ECIC Practicum Student Highlights: Where are they now?

The ECIC has had four fantastic students who have assisted with a wide range of projects at the Center. Each has been instrumental in building our capacity to provide technical assistance, training programs, networking events, and resources to the injury prevention community. They represent the success of the Center’s efforts to build the next generation of practitioners and researchers.

- Lee Helmken, MPH, CHES
  (Summer 2010)
  Lee is a project coordinator at the ECIC in charge of research and administration.

- Lauren Hudak, MD, MPH
  (Fall 2010 – Spring 2012)
  Lauren is a first year intern in Emory University’s Department of Emergency Medicine.

- Asa Revels, MPH
  (Summer 2011 – Fall 2011)
  Asa is a public health doctoral student at the University of South Carolina studying youth violence.

- Kristen Bell Sanderson, MPH, CHES
  (Spring 2011 – Spring 2012)
  Kristen is a program coordinator at Safe Kids Georgia.
The ECIC’s Outreach Core forms the end point of the Center’s efforts to bridge science to practice to implement effective, evidence-based violence and unintentional injury prevention programs at the community level. The ECIC accomplishes this by providing technical assistance to community groups in the form of evaluation support, community needs assessments, content knowledge support and lectures around various injury topics, and grant application support. Through its activities, the ECIC provides leadership around violence and unintentional injury prevention, facilitates collaborations, and connects scientists to practitioners.

Community Outreach Core

The ECIC convenes the Community Engagement Committee (CEC). The purpose of this committee is to promote linkages with the community and includes leaders and practitioners in metro-Atlanta and throughout Georgia. Health district representatives and the heads or representatives of key injury-related non-profit organizations also serve on this committee. In the spirit of the community-based participatory model and promoting the research to practice link, the CEC meets bi-annually to provide input into creating a research and knowledge translation agenda that is relevant and useful to local communities.

The Center serves as the research arm for the Metropolitan Atlanta Violence Prevention Partnership (MAVPP), a 100-member coalition of grassroots violence prevention practitioners and organizations.

The ECIC also provides consultation to and participation on the boards of local injury prevention organizations, including the State’s Injury Advisory Council, part of the Georgia Department of Public Health.

Through a collaboration with the Georgia Department of Public Health’s Maternal and Child Health Program, the ECIC was awarded a one-year grant in 2011 to create and expand the following Center offerings:

- Intimate partner violence screening study in WIC clinics
- Pilot Grant Program
- Practicum Program
- Summer Student Scholarship Program
- Two Injury Data Workshops
- Skill-based Public Health Training Program

The ECIC strives to expand its network beyond Atlanta and in doing so has become involved with the South by Southwest Regional Injury Prevention Network (SxSW). The Center hosted its 2012 Training Program in conjunction with the SxSW Regional Network Meeting in Atlanta, and provided Accommodation Scholarships for 4 regional public health department members to attend the 3-day ECIC training.

The outreach activities of the ECIC confirm that the Center is working to address local concerns and priorities in order to contribute to the successful dissemination of research and training products to practitioners and communities.
Safe Communities America

Safe Communities America, a program of the National Safety Council, is the Safe Communities Affiliate Support Center as well as a Certifying Center for the World Health Organization (WHO) Collaborating Center. The International Safe Communities Movement grew out of the first World Conference on Injury Prevention in Stockholm, Sweden in 1989. Since then, cities around the world have adopted this coalition-based approach to injury prevention spurring community action and leadership that has been effective in reducing injuries and promoting safety.

The Safe Communities America network consists of 20 communities across the U.S. that have demonstrated leadership in safety promotion and injury prevention and meet all six indicators of the Safe Communities America Program. Each community has made an investment to ensure that their community is a safe place to live, work, and visit.

Emory Safety Alliance

The Emory Safety Alliance (ESA) is a collaborative group of 25 different departments, centers, and units at Emory University with an interest in safety promotion and injury prevention. The ESA was formed in May 2011, seeking to foster a culture of safety for Emory University through a systematic, data-driven, and centralized approach of promoting safety, reducing injuries, and preparing the Emory community for natural and human-generated disasters. On behalf of the University, the ESA applied to the National Safety Council for the prestigious Safe Communities designation. After a lengthy application process and two-day site visit, on April 24th, 2012 Emory University proudly became the 20th Safe Community in the U.S. and 2nd academic institution to be recognized as an International Safe Community. The ESA is charged with maintaining this designation and will continue to document data sources, programming, and initiatives related to safety promotion and injury prevention to ensure centralized collaboration. The ESA also will develop criteria for evaluating the efficiency of current programs as well as work to identify current gaps in data collection and programming. The Emory Safety Alliance Chairs are Dr. Debra Houry, ECIC Director; Dr. Michael Huey, Executive Director of Emory University Student Health and Counseling Services; and Ms. Patty Olinger, Director of the Environmental Health and Safety Office. www.safetyalliance.emory.edu
Holiday Networking Mixer

- 40 participants joined the ECIC in December 2011 for its first ever semi-structured “Speed Networking” event
- This was an opportunity for injury prevention researchers, practitioners, and students to network and mingle with others in their field in an informal and fun setting
- As part of the event, the ECIC collected gifts and donations to support the Women’s Resource Center to End Domestic Violence in Atlanta

First Annual Injury Poster Session

- As part of ongoing efforts to connect and inspire researchers engaged in injury and violence research across the Atlanta Metropolitan Area, the ECIC hosted this casual event for researchers to share their previously presented or new posters
- The event featured remarks from Dr. Linda Degutis, Director of the National Center for Injury Prevention and Control at the Centers for Disease Control and Prevention
- Over 75 attendees—41 posters with authors representing over 12 institutions
Social Media

Since September 2010, the ECIC has made efforts to increase its online presence through the use of social media resources, including LinkedIn and Facebook.

Change Challenge Team Members: Kristina McInerny, Kirika Mugo, Dan Schlossberg, and Michael Mumper

In August 2011, the Center was selected to participate in the “Change Challenge,” a social media competition among Atlanta non-profit organizations in which the ECIC was paired with a team of social media experts. This team of 4 helped the ECIC develop a system to integrate social media into its existing organizational practices. Thanks to their help, the ECIC has greatly increased its social media reach:

- 77 LinkedIn members
- 175 Twitter followers
- 202 Facebook “likes”
International Reach

In addition to its local, state, and domestic work, the ECIC has a strong track record of promoting the field of violence and unintentional injury prevention internationally, particularly in the areas of training and outreach.

Fogarty Training Program

In 2005, Emory University and the Department of Emergency Medicine in the School of Medicine was awarded a National Institutes of Health/Fogarty International Center grant to partner with the University Eduardo Mondlane (UEM) in Maputo, Mozambique in order to train Mozambican physicians and public health professionals in the principles of trauma care and injury control research. This program came to a formal conclusion in 2012. Ten clinicians from Mozambique completed our training program and developed an expertise in injury prevention and control. The success of the training is evidenced by their integration into including leadership positions in national government (Ministry of Health), World organizations (WHO), non-government organizations, local trauma centers, and other key organizations. Our alumni have established Mozambique’s first Injury Control Research Center (ICRC), and are continuing to develop a strong regional collaboration to expand training, education, and research in Sub-Saharan Africa. All of our trainees have completed their formal training; four have obtained a Master’s-level degree and four more are anticipated to complete their thesis defense shortly. In addition, through their research efforts, they have laid the groundwork for future injury prevention initiatives and growth. They have formed key relationships and collaborations with colleagues across sub-Saharan Africa that will advance injury control and prevention throughout the continent.

World Health Organization Collaborating Center

In 1995, the ECIC was officially designated a collaborating center by the World Health Organization (WHO) and the Pan American Health Organization (PAHO). Since that time, ECIC faculty and WHO Division of Violence and Injury Prevention staff have built a strong, active and collaborative relationship, as evidenced by the years of detailed work advancing prehospital trauma care systems, jointly hosted meetings and symposia, partnerships with other Collaborating Centers, in-country site visits, and joint projects. The ECIC contributes to satellite meetings, scientific reviews, panels, and papers in support of the World Injury Conferences. The Center continues to collaborate with WHO and CDC professionals on capacity development for the training of public health professionals on the principles of injury prevention and control in Central and South American countries.

Emergency Medical Services in Ghana

Department of Emergency Medicine and ECIC staff are currently working to analyze the existing emergency prehospital care system in both urban and rural areas of Ghana to see how best trauma prevention and the prehospital delivery of care to injured and sick patients can be performed as a sustainable model for Ghana and other Sub-Saharan African countries.

Emergency Medical Services Training in Rwanda

Department of Emergency Medicine and ECIC staff continue to work with the SAMU ambulance service in Rwanda to improve training and provide educational offerings and consultation for emergency medical services personnel.

International Health Fellowship

The ECIC offers an International Health Fellowship through the Department of Emergency Medicine at Emory University to train emergency medicine physicians in the areas of acute care and injury control in low and middle income nations. Under the mentorship of the Associate Director for International Programs, Dr. Scott Sasser, fellows will complete a two-year program that includes the following core components: international rotations, research and scholarly activity, and didactics through the Rollins School of Public Health.
## Acknowledgements

### Academic Partners
- Clark Atlanta University
- Clayton State University
- Georgia Institute of Technology
- Georgia State University
- Kennesaw State University
- Morehouse School of Medicine
- Spelman College
- University of Georgia

### Community Partners
- Atlanta Regional Commission
- Atlanta Veterans Affairs Medical Center
- Brain and Spinal Injury Trust Fund Commission
- Centers for Disease Control and Prevention
- Children’s Healthcare of Atlanta
- Emory Center for Women
- Georgia Coalition Against Domestic Violence
- Georgia Department of Behavioral Health and Developmental Disabilities
- Georgia Department of Human Services
- Georgia Department of Public Health
- Georgia Office of Highway Safety
- Georgia Office of the Child Advocate
- Injury Free Coalition for Kids
- Jane Fonda Center
- Men Stopping Violence
- Metropolitan Atlanta Violence Prevention Partnership
- Partnership Against Domestic Violence
- Safe States Alliance
- Shepherd Center
- Stephanie V. Blank Center for Safe and Healthy Children
- Safe Kids Georgia
- Women’s Resource Center to End Domestic Violence

### Supporters

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- Georgia Department of Public Health

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- Emory University School of Medicine
- Georgia State University
- Georgia State University College of Education
- Georgia State University College of Health and Human Services

#### BRONZE
- Debra Houry