



# Introduction to the Road Traffic Injuries Research Network

**Dr. Ricardo Pérez-Núñez**

RTIRN Secretary

# Outline

- Who are we?
- What is our mission?
- What do we do?
- What have we achieved?
- How to become part of our Network?

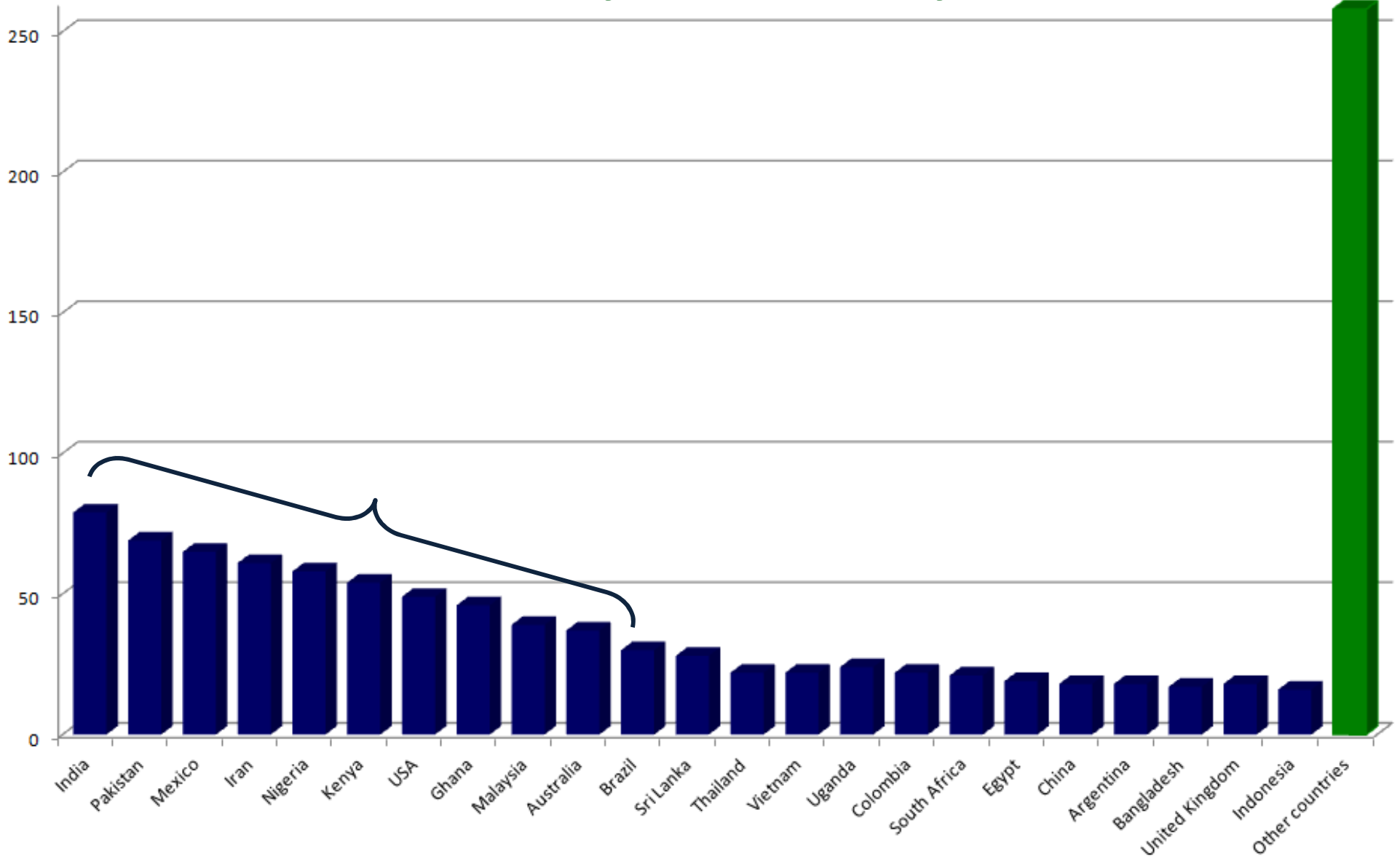


# We are...

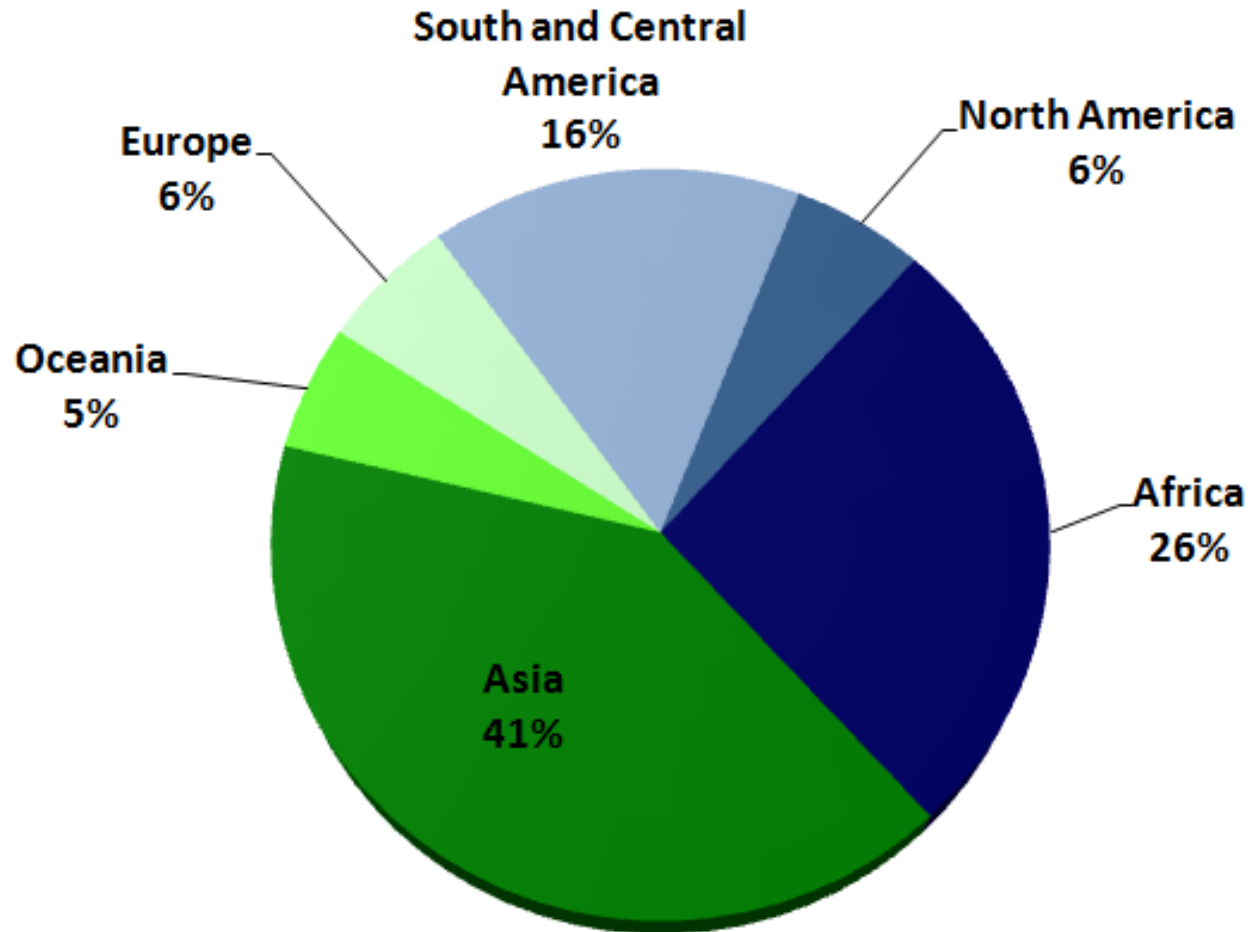


A partnership of over 1,090 individuals and institutions - from 113 countries that collaborate to further research on the impact and causes of RTI in L&MIC and to identify appropriate interventions to the problem

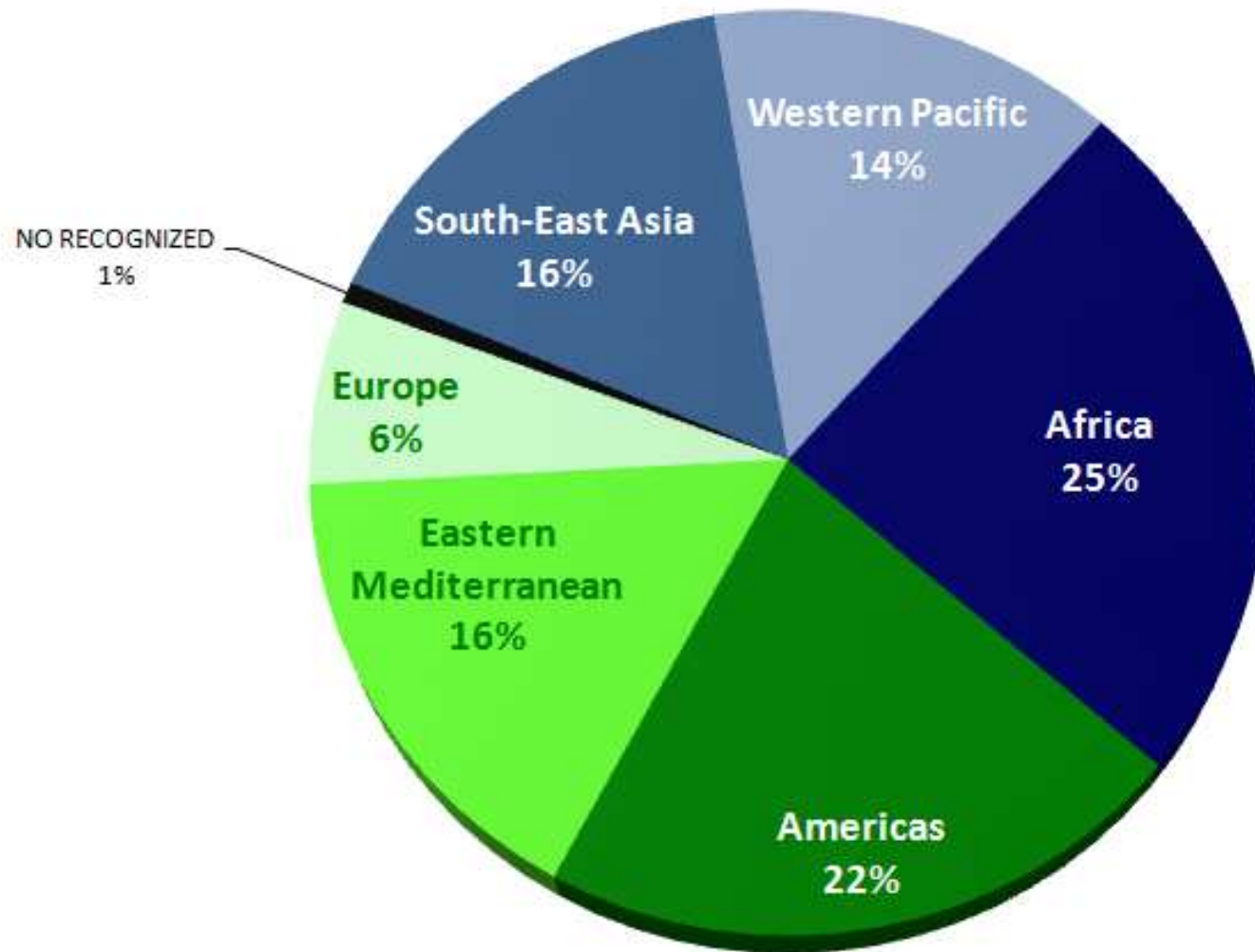
# Partners by country (March 2014)



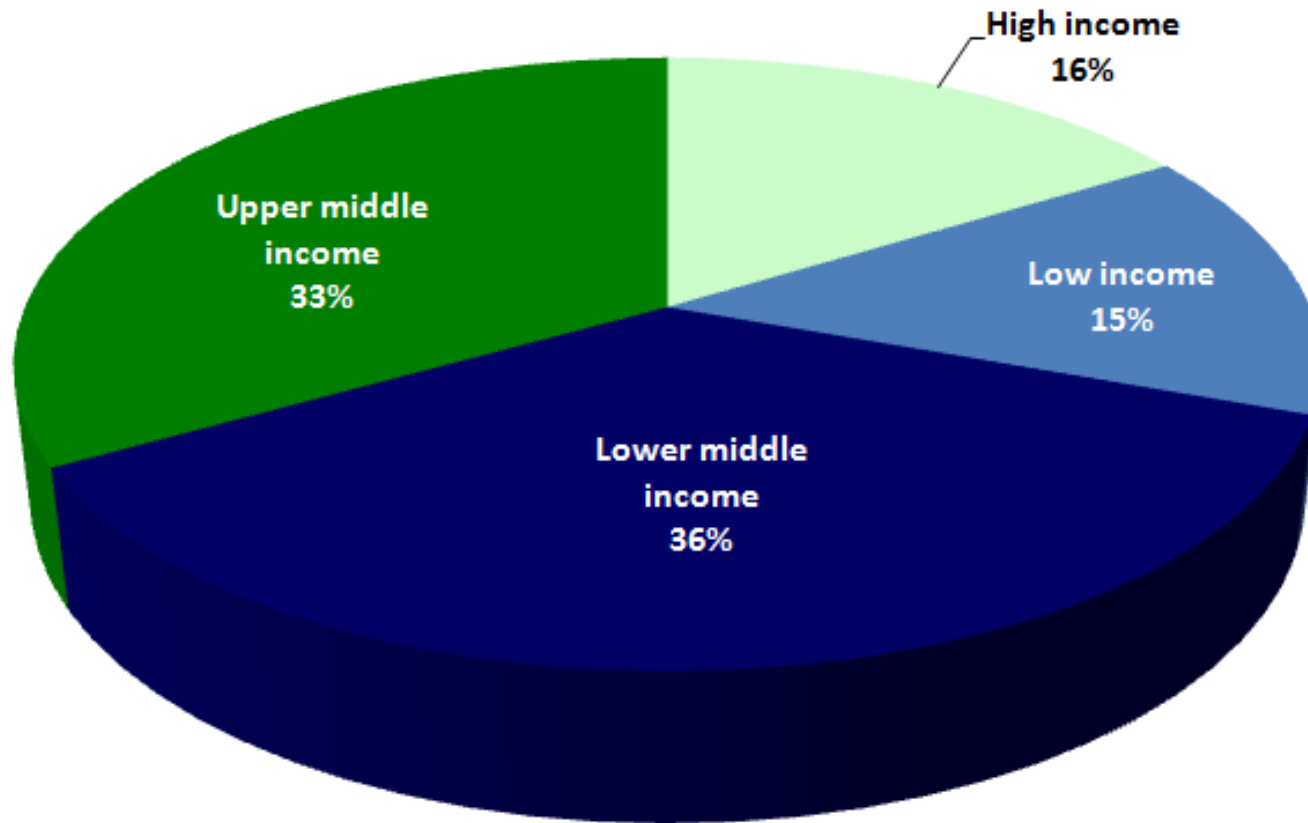
# Partners accross regions



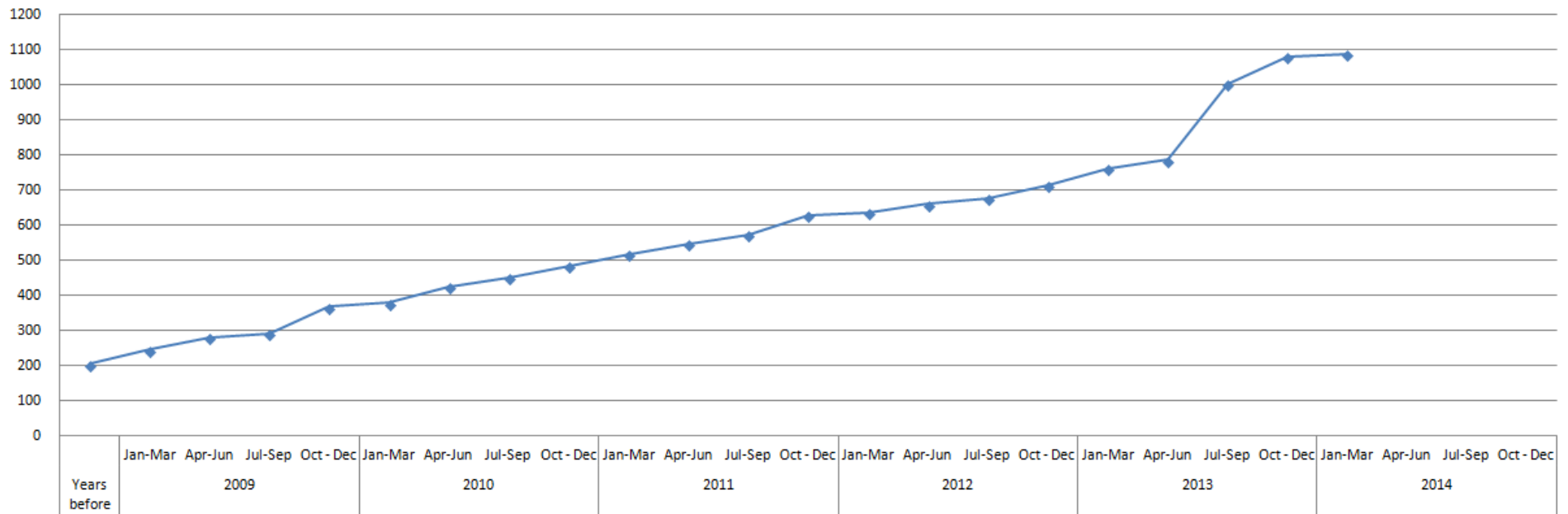
# Partners in WHO regions



# Partners by country's income level

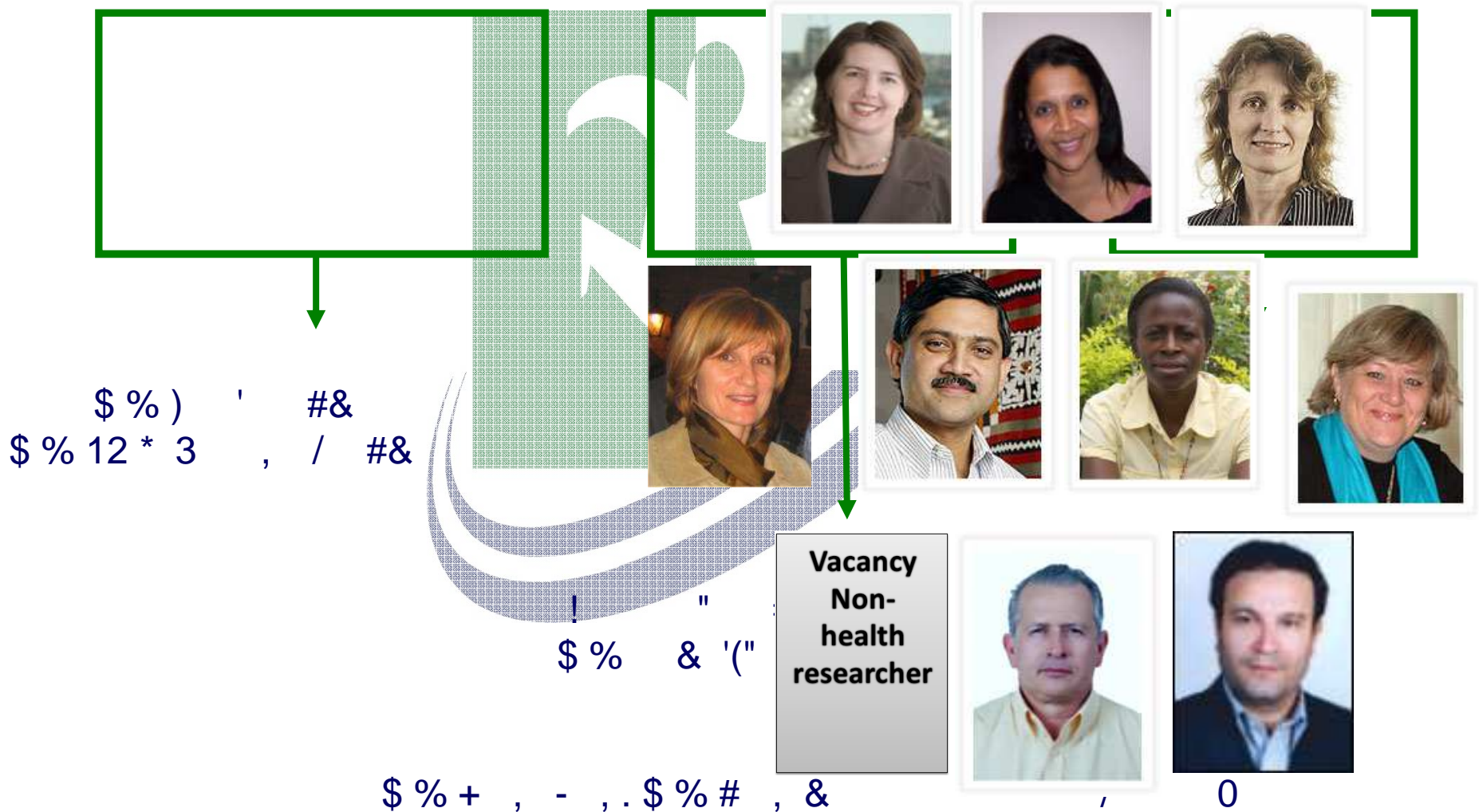


# Partners Affiliation





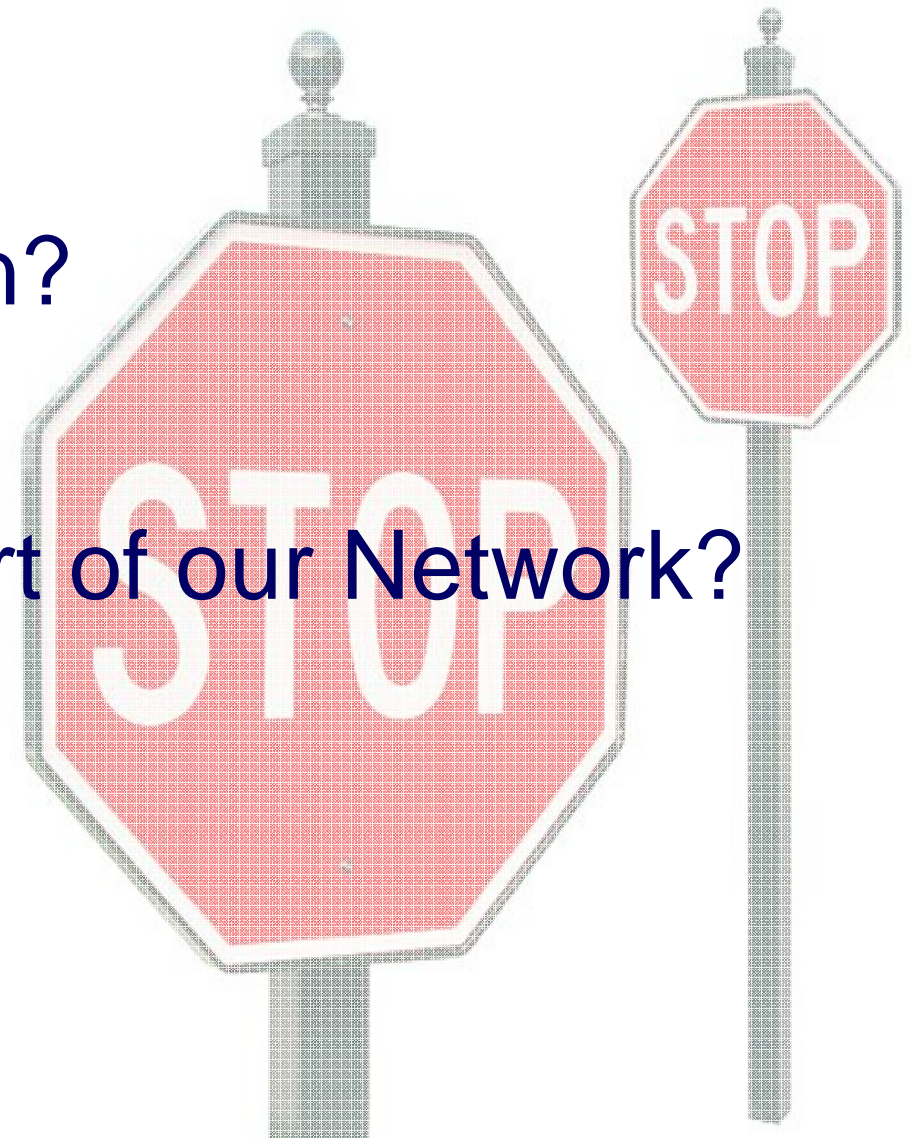
# Governance of the RTIRN



# Outline

Who are we?

- What is our mission?
- What do we do?
- How to become part of our Network?



# Road Traffic Injuries Research Network

- Our vision: To reduce the burden of RTI, particularly in LMICs through the promotion, conduct and utilization of research
- Our goal: To establish networking mechanisms and assist in the creation of partnerships between RTI researchers and institutions globally, to support research and research capacity in LMICs

# Specific objectives

- 
- To advocate for research to reduce the burden of RTI in LMICs
  - To set priorities for RTI-R in LMICs
  - To help develop capacity for RTI-R in LMICs
  - To promote investments for RTI-R in LMICs
  - To facilitate communication between partners involved in RTI-R in LMICs
  - To conduct strategic research on RTI in LMICs
  - To disseminate and promote the application and utilization of research to reduce the burden of RTI in LMICs

# Decade of action 2011-2020



- Supporting the Decade of Action by:
  - Funding key research
  - Developing capacity
  - Facilitating networking and support interaction of people dedicated to improve road safety
    - We have dedicated a special webpage on our website to publicize activities that partners did and are doing for the Decade



# Outline

Who are we?

What is our mission?

• What do we do?

1. Support Research

- First round of Grants to Conduct Research 2004
- Multi-Country Study
- RTIRN Small Grants Program 2013

2. Capacity Development Activities

- Supporting Junior Researchers
- Supporting Senior Researchers
- Regional Workshops, Parallel session, webinars

3. Facilitate networking

- Scholarships for conference attendance
- Newsletter & other activities

4. Outputs

• What have we achieved?

• How to become part of our Network?



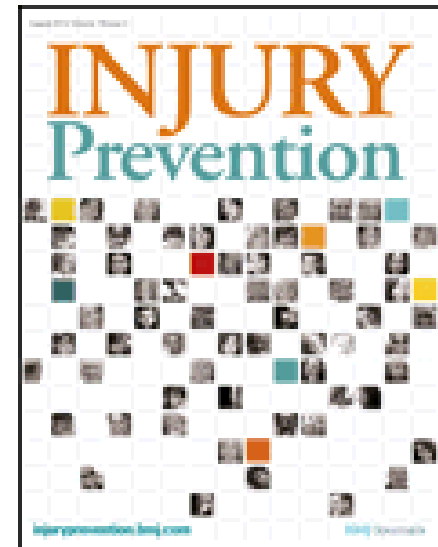
# 1. First round of Grants (2004)

- Three studies supported:
  - Makerere University (Uganda): “Protecting Vulnerable Road Users through Visibility Improvement: A Pilot Study”.
  - Health Services and Academy and the Ayub Medical College (Pakistan): “Application of Guidelines for the Estimation of the Burden of RTI in Pakistan”
  - University of Nairobi and the Moi University (Kenya): “Prevention of RTI through a participatory process in the identification and implementation of interventions”

# 1.- Multi – Country Study

- 9 Institutions in Asia, Africa and Latin America carried out a research on Non-standard helmet use enabling local researchers and practitioners to gain experience in RTI research by working closely with international experts

“Road Traffic Injuries Research Network Multicentre Study Collaborators. The Use of Non-Standard Motorcycle Helmets in Low and Middle Income Countries: A Multicentre Study ”





# 1. 2013 RTIRN Small Grant program

- With support from the Global Road Safety Facility of the World Bank, the RTIRN launched its 2013 Small Grants Program
  - 113 proposals received from 45 countries were received



# 1. 2013 RTIRN Small Grant program

## 10 research proposals selected

1. AKM Fazlur Rahman (Bangladesh) “Situation analysis and effects of small-scale infrastructural measures for traffic calming and protection of vulnerable road users at rural black spots on the N2 highway in Bangladesh”
2. Edrisa Sanyang (The Gambia) “Epidemiology of injuries presenting to Edward Francis small teaching hospital and serrekunda general hospital”
3. Geetam Geetam Tiwari (India) “Estimating risk to road users & impact of active traffic calming measures on vehicular speed in highway work zones”
4. Gururaj Gopalkrishna (India) “Highway Road Crashes and Deaths in India: Analysis of Pattern, Determinants and Outcomes in Kolar District, India”
5. Joelle Tambekou Sobngwi (Cameroon) “Drink Driving in Commercial Vehicle Drivers in Cameroon: Exploring the Nexus of Availability and Use”
6. Marion Sinclair (South Africa) “Research proposal: Pedestrian safety at roundabouts: a comparative study”
7. Nazarius Tumwesigye (Uganda) “Motorcycle related injury in Kampala: A case control study among the riders”
8. Rajitha Ananda Wickremasinghe (Sri Lanka) “Establishing the foundation for Age- and Disability-friendly Road Safety Policies in Sri Lanka”
9. Respicious Boniface (Tanzania) “Factors associated with road traffic injuries in Tanzania”
10. Shankar Prinja (India) “The impact of road traffic injury: a mixed methods study in north India”

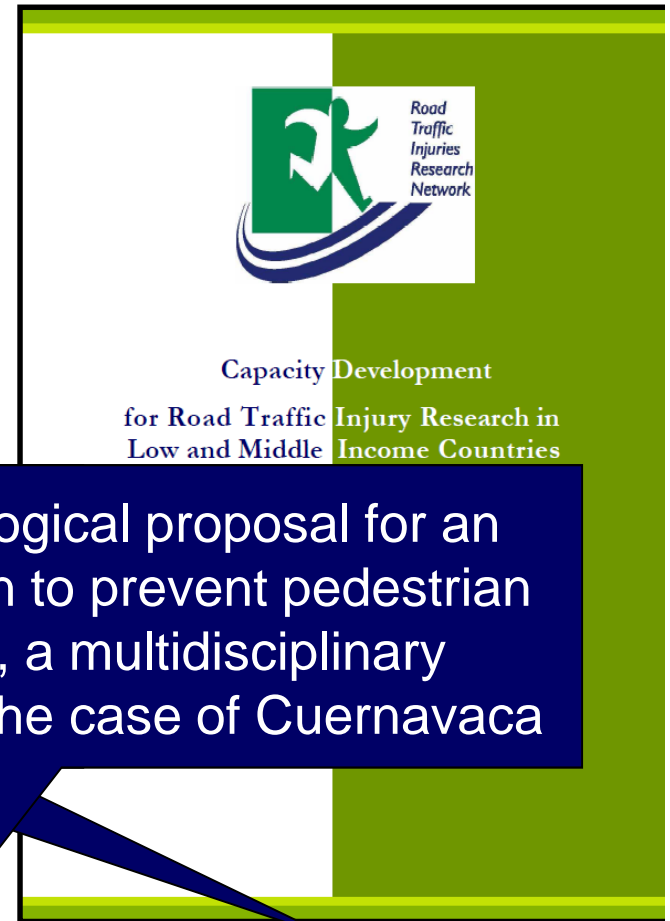
## 2.- Capacity Development Activities

- Focusing attention on development of research and specially action capacity for road traffic injuries is important to promote healthier development, and RTIRN is privileged to be part of such efforts



## 2.-Grants for Junior Researchers

- Nine Junior researchers were granted a scholarship to carry out research: Pakistan, China, Ghana, Mexico, Vietnam,



Capacity building of researchers employed in the University of Ibadan on provision of aid for accident victims

Driver behavior in Vietnam style: the alcohol

Risk factors for pedestrian injuries, a multidisciplinary approach: the case of Cuernavaca

Researcher is available!!!





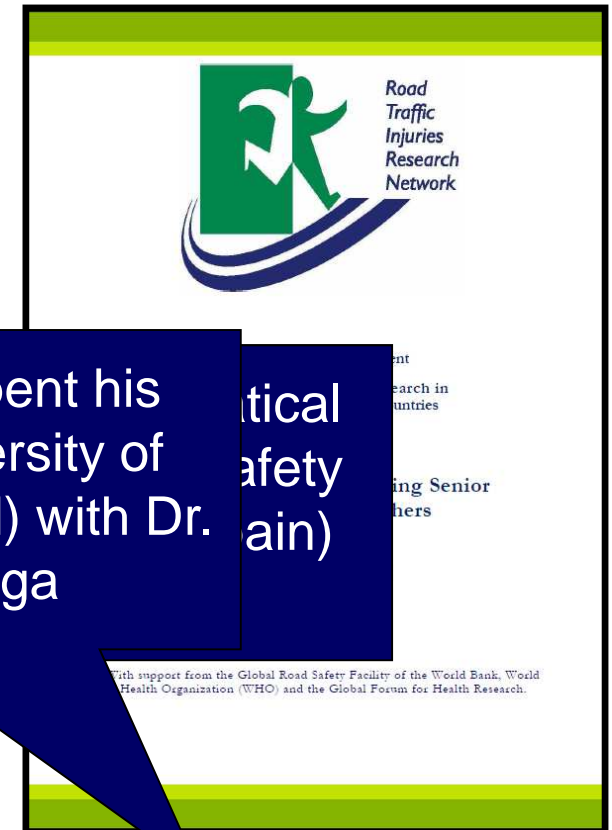
## 2.- Grants for Senior Researchers

- Four senior researchers have received financing to support a sabbatical period: Iran

Dr. Hamid Soori spent his sabbatical in the Department of Injury Prevention and Control (Switzerland) with Dr. Shanthi Ameratunga

Dr. Rafael Consunji spent his sabbatical in the University of Auckland (New Zealand) with Dr. Shanthi Ameratunga

Sabbatical  
Safety  
Senior  
ers



## 2. Regional Workshops

- Key activity of RTIRN for providing technical assistance to colleagues in LMIC
- Regional workshops are aim to equip people working on road safety from different backgrounds with road safety knowledge and research skills

## 2. Regional Workshops

- The workshops strengthen the development of research through seminars and by the participation of international road safety experts



## 2. Regional Workshops

- The RTIRN has organized eight regional workshops so far
- 12. Malaysia (Kuala Lumpur) "The Multi-City Study on Health + Economic Growth" June 23<sup>rd</sup> - 28<sup>th</sup>, 2009





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- The RTIRN has organized eight regional workshops so far
- 6.- Indonesia (Jakarta) "WHO RTIRN Regional Workshop on Public Health Research on Road Traffic Injuries" October 26<sup>th</sup> and 27<sup>th</sup>, 2012 (SEARO/Ct)



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- The RTIRN has organized eight regional workshops so far
- 8.- Brazil (Curitiba). “GRSF-RTIRN Evaluation of Road Safety Interventions: Key Component of the Global Decade of Action” February 26<sup>th</sup> and 27<sup>th</sup>, 2013



## 2. RTIRN parallel sessions

- During the 10th World Conference on Injury Promotion and Safety Promotion, RTIRN organized the session: Capacity Development for RTI Research in LMICs





## 2. RTIRN parallel sessions

- RTIRN hosted a pre-conference in Brisbane at the annual meeting of the Australia Injury Prevention Network (AIPN) Conference on November 2011

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# RTIRN webinars



The RTIRN would like to remind you of its first webinar entitled:

**“Introduction to the research process:  
Road Traffic Injury Research in Low and  
Middle Income Country Settings”**

On Tuesday, December 7<sup>th</sup> at 1:30 pm EDT (Sydney time)  
8:00 am IST (India time)

Monday, December 6<sup>th</sup> at 8:30pm CST (Mexico City time)

Presented by:



**Dr. Rebecca Ivers**  
Director of the Injury Research Group at the  
George Institute for Global Health at the University of Sydney

And:



**Ha Nguyen**  
Research Scholar in the Injury Division at The George Institute for  
Global Health. Faculty member in the Department of Epidemiology and  
the Center of Injury Policy and Prevention Research at the Hanoi  
School of Public Health, Vietnam



**Jagnoor Jagnoor**  
Research Scholar in the Injury Division at The George Institute for  
Global Health

- The webinar focused on:
  - Road Traffic Injury research in the frame of Low and Middle income countries
- This webinar was transmitted in both English and Spanish simultaneously:
  - 13 people (English)
  - 23 people (Spanish)

# RTIRN webinars



The RTIRN would like to remind you of its second webinar entitled:

## “Disability and Road Traffic Injuries”

On June 21<sup>st</sup> at 13:00 hrs CDT (Mexico time)  
20:00 hrs CEST (Geneva time)

And June 22<sup>nd</sup> at 6:00 hrs UTC (New Zealand time)

Presented by:



**Dr. Shanthi Ameratunga**  
Professor of Epidemiology and Deputy Head of the School of Population Health at the University of Auckland, New Zealand



**Dr. Tom Shakespeare**  
Department of Violence and Injury Prevention and Disability (VIP) at the World Health Organization (WHO), Geneva

We will feel honored and happy if you could join us on such an important date for our network

- The webinar focused on:
  - Disability and the link with road traffic injuries
  - WHO’s World report on Disability
  
- 42 people attended

# RTIRN webinars



The RTIRN would like to invite you to its third webinar entitled:

**“How can we build capacity for injury and violence prevention?”**

On November 24<sup>th</sup> at 10:00 hrs CDT (Mexico time)  
17:00 hrs CEST (Geneva time)

Presented by:



Dr. David Meddings  
Department of Violence and Injury  
Prevention and Disability  
World Health Organization  
Geneva

In Collaboration with:  
The Johns Hopkins International Injury Research Unit – A WHO Collaborating Center ([www.jhsph.edu/iiru](http://www.jhsph.edu/iiru)) through the ‘Bloomberg Global Road Safety Project’ (Road Safety in 10 Countries) funded by the Bloomberg Philanthropies.


To join the training session

1. Go to :  
<https://msn.webex.com/jhsph/k2/j.php?RD=171025597&UID=1516958942&HNAAC=933c0f761401f6c0f6e00072805007267927700a&MT=WHY@AKS@NSD>
2. Enter your name and email address (or registration ID).
3. Enter the session password: **seal0n11**
4. Click “Join Now”.
5. Follow the instructions that appear on your screen.



- The webinar focused on:
  - WHO's conceptual approach to capacity building
- Thanks to JHIIRUnit (WHO Collaborating Center)/ ‘Bloomberg Global Road Safety Project’
- 26 people attended

# RTIRN webinars




The RTIRN would like to invite you to its fourth webinar entitled:

**“Road traffic safety and law”**

On April 12<sup>th</sup> at 8:00 hrs CDT (Mexico time)  
15:00 hrs CEST (Geneva time)

Presented by:



Ms. Evelyn Murphy  
Department of Violence and Injury  
Prevention and Disability  
World Health Organization  
Geneva

- The webinar focused on:
  - What does road safety law refer to?
  - How has legislation been effective as part of a complete road traffic safety programme package – particularly high income countries.
- 60 people attended the webinar.



# RTIRN webinars



The RTIRN would like to invite you to its fifth webinar entitled:

**“Youth for Road Safety:  
Engaging hearts, minds and  
evidence”**

On June 17<sup>th</sup>  
14:00hrs (GMT – 5:00) Mexico City Time

Presented by:



Mr. Floor Leishout  
Director of Youth for Road Safety (YOURS)  
[www.youthforroadsafety.org](http://www.youthforroadsafety.org)  
The Netherlands




Dr. Shanthi Ameratunga  
Professor of Epidemiology  
Head – Section of Epidemiology & Biostatistics  
School of Population Health  
University of Auckland  
New Zealand

- The webinar focused on:
  - Youth for Road Safety: Engaging hearts, minds and evidence
- 36 people attended the webinar.

# RTIRN webinars

- All presentations and webinars sessions are available for download at our website:

<http://www.rtirn.net/events.asp>




The RTIRN would like to remind you of its first webinar entitled:

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To join the learning session:

1. Go to:  
<https://www.youtube.com/watch?v=9G8tU3Z8t84>
2. Enter the video ID in the search bar: <https://www.youtube.com/watch?v=9G8tU3Z8t84>
3. Enter the search keywords: webinar
4. Click “Watch Now”
5. Follow the instructions that appear on your screen.

Johns Hopkins International Injury Research Unit  
World Health Organization




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Department of Violence and Injury Prevention and Disability  
World Health Organization  
Geneva

Please feel free to access them!!

### 3.- Scholarships for conference attendance

- A total of 22 scholarships were given translating in USD \$ 40,000
  - Vietnam
  - Ghana
  - Mexico
  - Argentina
  - Pakistan
  - Nigeria
  - Philippines
  - India
  - Thailand
  - Malaysia
  - Iran
  - China

# 3.- The RTIRN Newsletter



- October-December: Policies towards RTI (in 2 languages)
- January-March 2014: Gender and RTI

All newsletter are available at:

<http://www.rtirn.net/newsletters.asp>





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- News and Events
- Newsletters **RTIRN**
- Online Forum
- Links



New Newsletters



The Road traffic Injuries Research Network (RTIRN) is a partnership of over 661 (up to July, 2012) individuals and institutions - from 73 countries that collaborate to further research on the impact and causes of Road Traffic Injuries (RTIs) in low- and middle-income countries and to identify appropriate interventions to the problem.

**OUR VISION:** To reduce the burden of road traffic injuries, particularly in low- and middle-income countries through the [promotion](#), conduct and utilization of research.

**OUR GOAL:** To establish [networking](#) mechanisms and assist in the creation of partnerships between RTI researchers and institutions globally, to support research and research capacity in low- and middle-income countries.

FOLLOW US ON [FACEBOOK](#) AND [TWITTER](#)



DECADE OF ACTION FOR ROAD SAFETY 2011-2020

RTIRN regional workshop entitled "Road Safety Interventions" on September 29th - October 1st in the city of Wellington, New Zealand.  
[\[ More info | Programme \]](#)

Recent RTIRN activities >>>

RTIRN FOURTH WEBINAR

On April 12th of 2012 at 8:00 hrs-(CST Mexico Time) it took place the RTIRN's fourth webinar entitled "Road Traffic Safety and Law"  
[\[Details\]](#) [\[ More info | Programme \]](#)

RTIRN Senior Researchers Report

[\[Click here for the report\]](#)

RTIRN Juniors Researchers Report

[\[Click here for the report\]](#)

Opportunities with RTIRN

In the pursuit of developing research capacity in low- and middle-income countries, RTIRN has a number of projects that will soon be underway with support from the World Bank Global Road Safety Facility. [\[Details\]](#)

PARTNERS



Search Partner >>>

# 3. Networking: WEBPAGE

In our webpage you will find some interesting information...

we encourage you to visit it !!!

[www.rtirn.net](http://www.rtirn.net)

# 3. Networking activities

- Online forum

- Opened October 1<sup>st</sup>, 2010
- 8 forums opened at the moment
- 8 participations



Welcome: Ricardo Pérez-Núñez | [Manage My Forum](#) | [New Forum](#) | [View Forums](#) | [Exit](#)  
[View Forums](#)

› [TEXTING AND DRIVING LAWS](#)

Created By: Spicer Rebecca | 11/2/2010 5:00:18 AM

Hello everyone, Does anyone know of evaluations that looked at the impact of texting laws on frequency of texting and driving? Or on crashes/near misses? My best, Becky SpicerPIRE...

Total Comments: 0

› [ECONOMIC COST OF DISABILITY](#)

Created By: Sanchez Vallejo Patricia | 10/28/2010 8:08:06 AM

Dear all, It would be really great if somebody could help me on identifying any study on the economic cost of disability due to RTI. Thanks.....

Total Comments: 0

› [CALL FOR ASIAPACIFIC NEWS NOTES" FROM BMJ JOURNAL INJURY PREVENTION](#)

Created By: Mojarro Francisco | 10/21/2010 5:01:57 AM

Dear partners: Dr. Rafael Consuji has received a call for News Notes items, from the AsiaPacific, to be printed in the upcoming issue of the BMJ Journal Injury Prevention. Please see a sample...

Total Comments: 1

› [PEDESTRIAN SAFETY](#)

Created By: Kanwal Anila | 10/5/2010 7:44:06 AM

Please share your views on Pedestrian at grade road crossing facilities...

Total Comments: 2

# 3. Networking activities

RTIRN is also on Facebook and Twitter !



**RTIRN Secretariat**  
@RTIRN

A partnership of more than 1090 people from 113 countries that work on research of impact and causes of Road Traffic Injuries in low and middle income countries

Cuernavaca, Mexico · rtirn.net

**TWEETS**  
248

**FOLLOWING**  
111

**FOLLOWERS**  
290

[Edit profile](#)

Non-Profit Organization  
Is a partnership of over 900 indiv that collaborate to further resear causes of RTIs in L&MIC

About Photos Likes



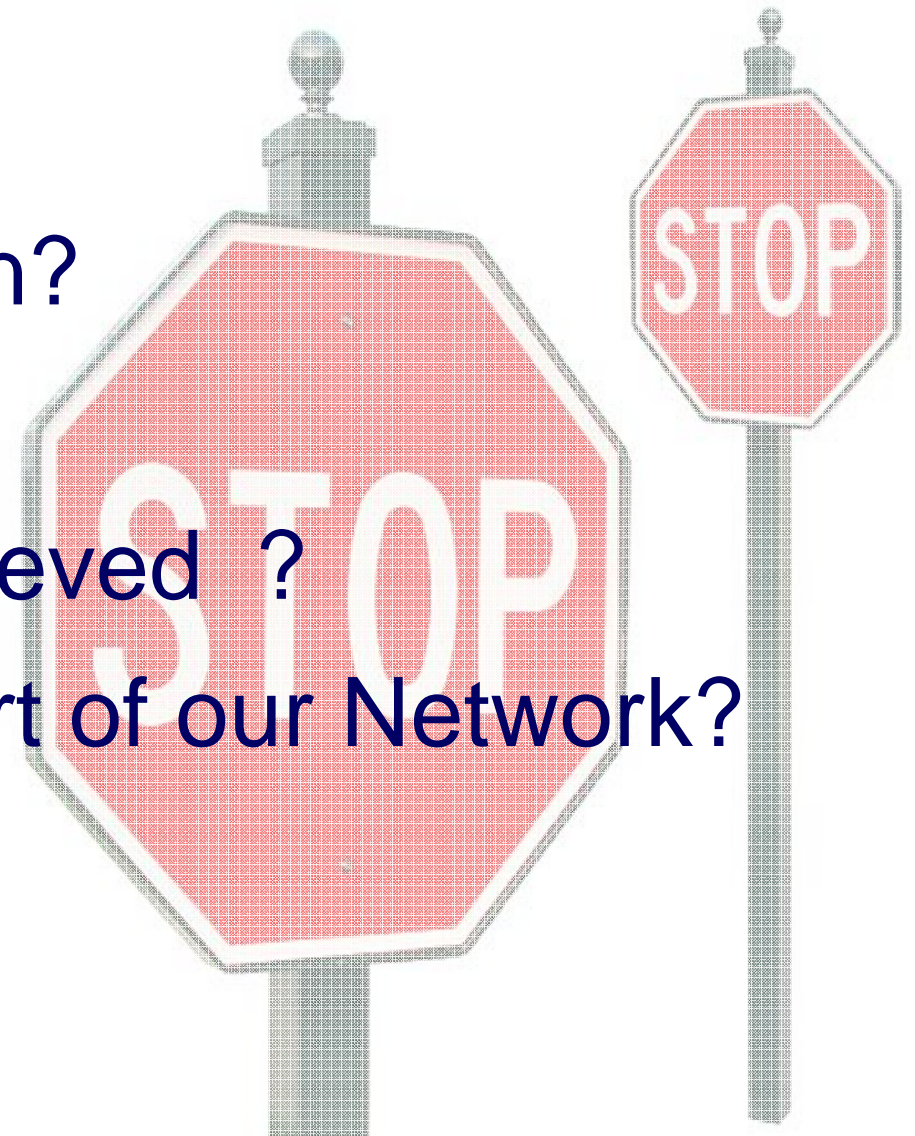
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- What have we achieved ?
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# Financing

Throughout his 10 years of life, the RTIRN has received funding, directly and indirectly from the following institutions:



In total, RTIRN has obtained more than USD\$1 '069,000 to carry out the work that has proven to be key

# A Network with international recognition !

The RTIRN won the “2010 Prince Michael International Road Safety Award” , for our role in encouraging research in this important area of public health



# A Network with international recognition !

RTIRN was profiled in the 2009, 2011 and 2013 reports on improving road safety to the UN General Assembly

You can access the report,  
<http://documents.un.org/mother.asp>



# Harvesting Results

## 10 Scientific publications funded by RTIRN:

- Cleotilde Ubeda (Argentina):

Ubeda C, Espitia-Hardeman V, Bhalla K, Borse NN, Abraham JP, Dellinger A, Ferrante D, Peltzer R. National burden of road traffic injuries in Argentina. International Journal of Injury Control and Safety Promotion (2011), doi:10.1080/17457300.2011.581377

- Adesola Sangowawa (Nigeria):

Adesola O Sangowawa and Eme T Owoaje. Building capacity of drivers in Nigeria to provide first aid for road crash victims. Inj Prev 2012 18: 62-65 originally published online December 10, 2011. doi: 10.1136/injuryprev-2011-040134

- Ackaah Williams (Ghana):

Williams Ackaah, Mohammed Salifu. Crash prediction model for two-lane rural highways in the Ashanti region of Ghana. IATSS Research, Volume 35, Issue 1, July 2011, Pages 34–40



# Harvesting Results

- Ricardo Pérez-Núñez (Mexico):

Pérez-Núñez R, Pelcastre-Villafuerte B, Híjar-Medina M, Ávila-Burgos L, Celis A. A qualitative approach to the intangible cost of road traffic injuries. *International Journal of Injury Control and Safety Promotion* 2012; 19(1):69-79

Pérez-Núñez R, Ávila-Burgos L, Híjar-Medina M, Pelcastre-Villafuerte B, Celis A, Salinas-Rodríguez A. Economic impact of fatal and non-fatal road traffic injuries in Guadalajara Metropolitan Area and Jalisco, Mexico.

*Injury Prevention* 2011; 17(5):297-303.

- Fernando Poo (Argentina):

Poó, F. M. & Ledesma, R. D. (in press) A study on the relationship between personality and driving style. *Traffic Injury Prevention*. DOI: 10.1080/15389588.2012.717729

# Harvesting Results

- Mohammed Umer Mir (Pakistan):

Mir MU, Khan I, Razzak JA. Alcohol and marijuana use while driving – an unexpected crash risk in Pakistani commercial drivers: a cross-sectional survey. BMC Public Health 2012, 12:145.

Mir MU, Razzak JA, Ahmad K. Commercial vehicles and road safety in Pakistan: exploring high-risk attributes among drivers and vehicles. Accepted for publication in the International Journal of Injury Control and Safety Promotion

- Multy Center Study on “Non-standard helmet use:

Road Traffic Injuries Research Network Multicenter Study Collaborators. The use of non-standard motorcycle helmets in low- and middle-income countries: a multicentre study. Inj Prev. 2012 Nov 9.

# Concrete Outputs

10 direct scientific papers have been published

- Over 100 researchers and students have been able to conduct research
- 940 people have attended any of our 8 regional workshops or scientific meetings
- Shared over 97 job opportunities and events to our partners

# Concrete Outputs

- At least 22 professionals funded to attend World Conferences on Safety Promotion and Injury Prevention
- 5 webinars organized with 200 participants
- 35 Newsletter with 198 contributions published
- More than 1 million US Dollars raised!



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What have we achieved?

- How to become part of our Network?

# Join the RTIRN!

If you become Partner you will benefit from being connected to 1090 people that are involved with injury prevention worldwide. If you share our vision and would like to become a partner please visit our website:

[www.rtirn.net](http://www.rtirn.net)

[administrator@rtirn.net](mailto:administrator@rtirn.net)

[secretariat@rtirn.net](mailto:secretariat@rtirn.net)