

10th ISPAD Science School for Physicians 2010

Application deadline: May 1st, 2010

Understanding Research Methods and their Implementation in Pediatric Diabetes

Location:

Washington University in St. Louis
St. Louis, Missouri, USA

Date:

September 12-17, 2010

(arrive Sunday, September 12, Program starts Monday morning until Friday, September 17th, departure to the airport after 1:00 p.m.)

Venue:

The Charles F. Knight Executive Education Center and The Eric P. Newman Education Center, Washington University in St. Louis, St. Louis, Missouri, USA
The Charles F. Knight Executive Education Center is a facility located on the campus of Washington University in St. Louis.

The Eric P. Newman Education Center (EPNEC) is located on the Washington University in St. Louis School of Medicine campus, adjacent to the St. Louis Children's Hospital and Barnes-Jewish Hospital.

Program:**Scientific & Education Program:**

4 days, speakers from the faculty of Washington University (plus 2-3 outside speakers) presenting

1. basic information about etiology and management of diabetes in children;
2. sessions about clinical and basic science research techniques and the implementation of these methodologies to answer specific scientific questions or hypotheses;
3. small group breakout sessions for "students" to discuss specific clinical and/or research questions with faculty;
4. sessions for "students" to present their own specific research or clinical efforts among themselves and with faculty;
5. opportunity to visit the laboratory facilities at Washington University School of Medicine.

Social Program:

1. Opening reception at the Knight Center
2. St. Louis Riverfront, including:
 - a. visit to the Gateway Arch and Museum of Westward Expansion;
 - b. St. Louis Cardinal baseball game (with dinner at stadium).
3. Free evening to explore the entertainment districts of the Central West End (near to the medical school campus and EPNEC) or the University City Loop (near the Washington University campus and the Charles F. Knight Center).

Student Participants:

25 student participants will be selected from around the world based upon objective criteria which will include research credentials, career intention and local support by recognized diabetes research and care infrastructure. The participants will be senior trainees intending to pursue careers in academic centers or in clinically based research. Efforts will be expended to ensure that the developing countries are represented.

Learning Objectives:

- 1) To gain a basic understanding of research methods (basic/laboratory and clinical/translational) used in diabetes-related research;
- 2) To understand how these methodologies can be utilized to address specific research hypotheses and answer specific research questions;

President

Thomas Danne, MD

Professor

Diabetes Centre for Children and Adolescents

Kinderkrankenhaus auf der Bult

Janusz-Korczak-Allee 12

30173 Hannover

Germany

Phone: +49 511 8115-3330

Fax: +49 511 8115-3334

Email: danne@hka.de

Secretary-General

Ragnar Hanas, MD, PhD

Senior Consultant

Department of Pediatrics

Uddevalla Hospital

NU Hospital Group

S-451 80 Uddevalla

Sweden

Phone: +46 522-92000

Fax: +46 522-93149

Email: ragnar.hanas@vgregion.se

Treasurer

Kenneth J Robertson, MBChB, FRCP, FRCPCH

Consultant Paediatrician

Royal Hospital for Sick Children

Yorkhill

Glasgow G3 8SJ

UK

Phone: +44 141 201 0331

Fax: +44 141 201 0407

Email: kjr@diabetes-scotland.org

ISPAD Executive Office

K.I.T. GmbH Association & Conference

Management Group Co. KG

Kurfürstendamm 71

10709 Berlin

Germany

Phone: +49 30 246 03-210

Fax: +49 30 246 03-200

Email: secretariat@ispad.org

ISPAD Registered Office

Ellenborough House

Wellington Street

Cheltenham

GL50 1YD

United Kingdom

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Charity Number: 1126927

- 3) To gain an understanding of how to interpret research data and critically evaluate research papers and presentations;
- 4) To understand the strengths and weaknesses of different research designs in hypothesis testing;
- 5) To understand how to differentiate different types of diabetes (type 1, type 2, monogenic/MODY) in youth.

Lectures focusing on methodology will be followed by lectures and/or discussion of how these methodologies can be utilized to address specific questions or hypotheses related to diabetes. In addition, students will have an opportunity to present their own research projects or ideas for discussion and critical review by faculty and other students.

The program will consist of lectures by the resident faculty and invited experts, presentations by the students of their research proposals and projects, clinical case discussions, and both formal and informal interactive discussions among students and faculty.

An essential feature of the Science School is to improve networking and networking skills of the participants. There will be ample time for participants informally to discuss their research projects and research plans with members of the faculty. The ISPAD Science School 2010 is made possible by an unrestricted educational grant from one of our corporate partners. The School will cover the costs of economy class return travel to Tours, lodging and meals. Twentyfive participants will be selected from all around the world. The application deadline is May 1st, 2010. The applicants will be notified of the selection decisions early in June to allow adequate time to make travel and other arrangements.

Application process:

1. Applicants must send by email the following:

- Letter of application, including reasons for wishing to attend the Science School
- Curriculum Vitae (Word document, max 2 pages)
- Description of current work, and experience (clinical and research)
- Letter of Endorsement (Word document sufficient) emailed separately from your Head of Department

2. Deadline for applications May 1st 2010

3. Send applications to: white_n@kids.wustl.edu

4. Applicants will be notified of acceptance in June 2009

For any further information, please contact :

Dr. Neil H. White
Washington University School of Medicine/St. Louis Children's Hospital
660 South Euclid Avenue Campus Box 8116
St Louis, Missouri 63110
United States

Telephone: 001-314-286 1157
Fax: 001-314-286 1187

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Secretary-General

Ragnar Hanas, MD, PhD
Senior Consultant

Department of Pediatrics
Uddevalla Hospital
NU Hospital Group
S-451 80 Uddevalla
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Phone: +46 522-92000
Fax: +46 522-93149
Email: ragnar.hanas@vgregion.se

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