

APPD GHLC & APA Virtual Café: Pediatric Global Health Fellowships

Monday, September 11, 2023



Somerset County, PA New York, NY Washington, DC

Through blurred eyes we find the strength and courage to soar beyond the moment.

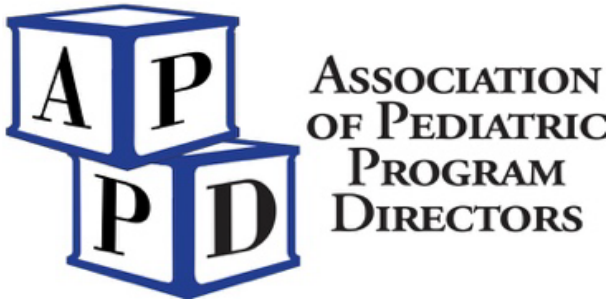
We look to the future knowing we can never forget the past.

God Bless America

Objective

To learn from fellows, fellowship directors and global health leaders about *pediatric global health fellowships* both in

- **general pediatrics** and
- **combined with sub-specialty fellowships**





Overview

1. Welcome & Introductions
2. Program Updates
   - General Pediatric Global Health Fellowships
     - Boston Children's Global Pediatric Fellowship in Health Service Delivery | *Dr. Michelle Niescierenko*
     - University of Utah Global, Rural and Underserved Child Health (GRUCH) Fellowship | *Dr. Jeff Robison*
     - Children's Hospital of Philadelphia (CHOP) Acute Care-GH Fellowship| *Dr. Alex Vinograd*
   - Subspeciality Global Health Fellowships
     - Baylor College of Medicine /Texas Children's Hospital (BCM/TCH) Combined Pediatric Emergency Medicine – Global Health Fellowship | *Dr. Marideth Rus*
3. Fellow Perspectives: Why Do a Pediatric Global Health Fellowship?
4. Breakouts: Choose Your Own Adventure
   - General Pediatric Global Health Fellowships
   - Subspeciality Global Health Fellowships
   - Global Health Fellowship Accreditation

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Ground Rules for Our Time Together

- Kindly
  - Keep cameras on
  - Stay on mute when not speaking
- First half
  - Little to no *verbal* Q & A
  - Please use the *chat* liberally
- Second half “choose your own adventure”
  - Ask as many questions as you wish
- After the call
  - Will circulate slides, list of GH fellowships, contact details of all speakers
  - Please reach out as needed



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What Does Accreditation Accomplish

- Brings standards/quality/ “uniformity” to the training sequence
- Unifies people within and across settings in common purpose
- Improves the trainee’s experience
- Makes fellowships more competitive for great fellows
- Creates a culture
- Ultimately leads to improved patient (family) care



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GH Fellowship Accreditation Journey



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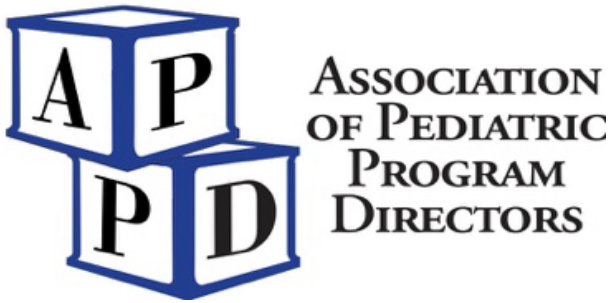
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Bauserman et al. Pediatrics 2023

GH Fellowship vs. GH Track

- APA accreditation guidelines currently define “GH fellowships” as programs that add at least 1 year of focused GH training, either stand-alone or in addition to traditional subspecialty timelines. While we recognize there are many wonderfully robust GH “tracks” within subspecialty training that don’t add extra time to training.

- Examples







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Boston Children's Global Pediatric Fellowship in Health Service Delivery

Boston Children's Hospital
Global Health Program

Global Health Fellowships



Michelle Niescierenko MD, MPH
DIRECTOR, GLOBAL HEALTH PROGRAM

The Global Health Program @ BCH

- Hospital-wide, Multi-specialty, multi-disciplinary fellowship
- Common support to all global health
  - Travel, Operations, Biostatistics
- Projects
  - Fellows develop their own
  - Join large scale projects



Global Pediatrics Fellowship

Structure

- 2-3 years (competency dependent)
- 5 months/year abroad minimum
- 4-6 months of US clinical service (Boston Children's and/or IHS)

Curriculum

- MPH or Diploma in Tropical Medicine
- Dedicated fellow's curriculum (seminar, procedures, ultrasound, DGHE)
- Short courses (methods, humanitarian response courses)

Partners

- Work with an existing Boston Children's Global Health Partner
- Bring your own partnership
- Join existing service contract projects



Pediatric Subspecialty Global Health Fellowships

Track	Combined	Independent
• Within 3 year fellowship • Protected time 1-2 mo/year • Fellow curriculum • Funded project • Possible MPH • ID, ICU, Cardiology	• Match to the sub-specialty • Additional 1-2 years • MPH + fellow curriculum • Min 6 months of travel time • ER	• Apply after subspecialty fellowship • Additional 1-2 years • MPH + fellow curriculum • Min 6 months of travel time • ICU, ER





Indian Health Service



- 4-6 clinical months at IHS
- IHS based project/public health work
- MPH or other degree
- Fully domestic or combine with global project work
- Non-fellowship jobs available!



Interested?

Globalhealth@bostonchildrens.Harvard.edu



University of Utah Global, Rural and Underserved Child Health

HEALTH
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RETHINKING GLOBAL HEALTH CLINICAL TRAINING:
A CASE STUDY LINKING DOMESTIC AND INTERNATIONAL PARTNERSHIPS

JEFF ROBISON, M.D.
ASSOCIATE PROFESSOR PEDIATRICS
VICE CHAIR FOR COMMUNITY AND GLOBAL ENGAGEMENT
ROBERT BOLTE ENDOWED CHAIR IN PEDIATRIC EMERGENCY MEDICINE

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"GLOBAL HEALTH" : MEANING WHAT?

Philosophical

Logistical

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FELLOWSHIP

1. Provide high-quality and sustainable pediatric care in collaboration with our partners
2. Elucidate common principles in the care of children in underserved communities
3. Demonstrate the feasibility of a sustainable GH program that integrates partnerships domestically and internationally

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FELLOWSHIP

Nuts and Bolts

- 2 years
- Partners
  - Navajo Area Indian Health Service
  - University of Rwanda

Clinical Care Education Research

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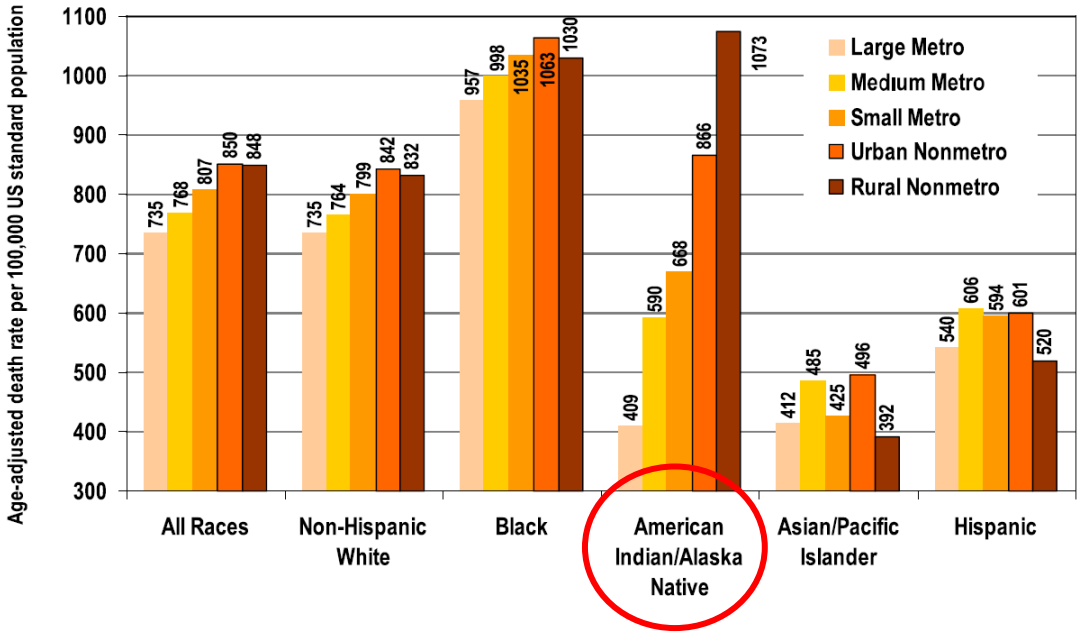


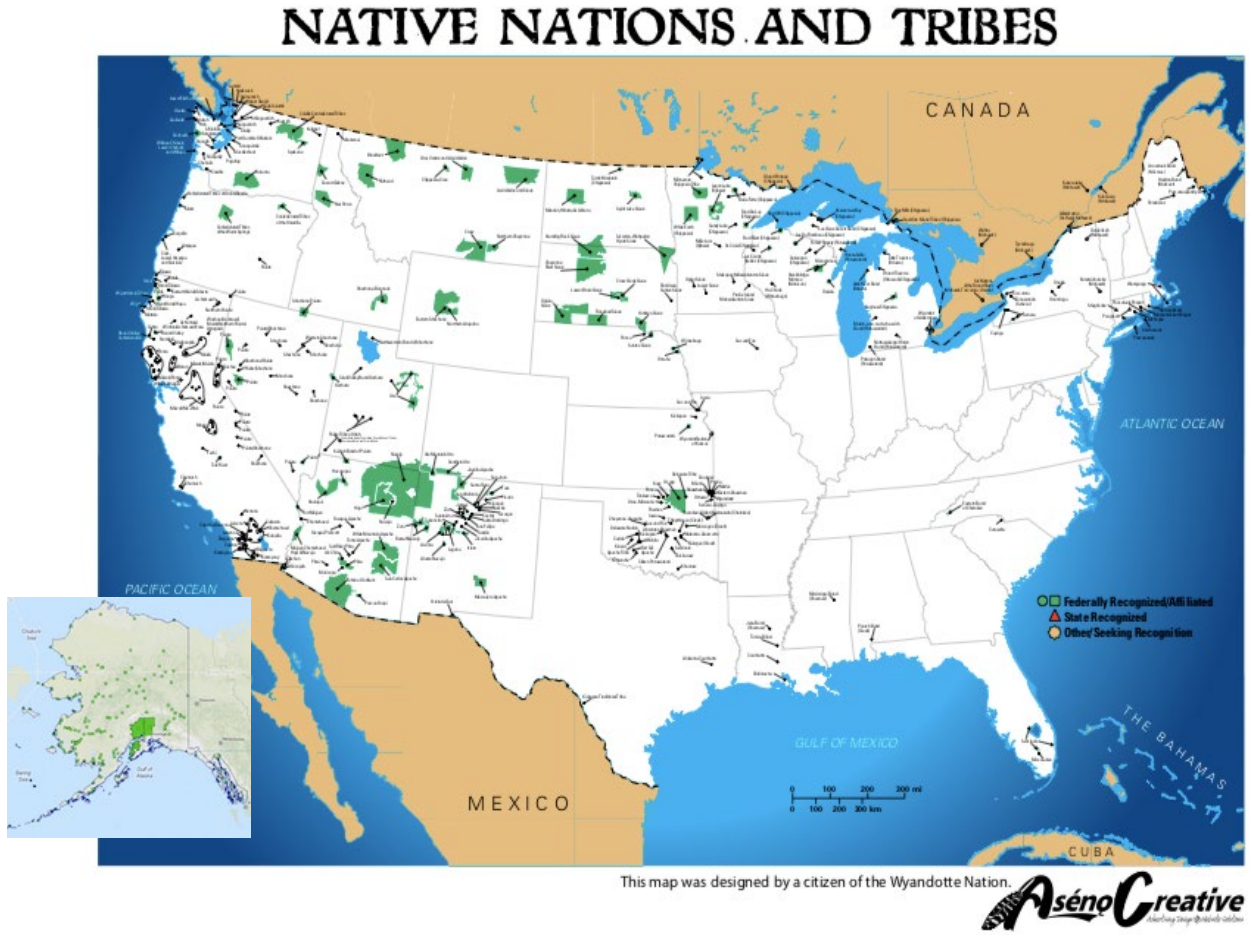


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GLOBAL, RURAL, & UNDERSERVED CHILD HEALTH

FELLOWSHIP





Singh G & Siahpush M. Journal of Urban Health, 2013, 91(2);272-292.

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NAVAJO
NATION
Utah
Colorado
Arizona
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Mexico





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GLOBAL, RURAL, & UNDERSERVED CHILD HEALTH

Chinle Service Unit
Navajo Area Indian Health Service

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"We are like islands in the sea, separate on the surface but connected in the deep."

William James





Children's Hospital of Philadelphia (CHOP) Acute Care-GH Fellowship

Children's Hospital of Philadelphia

Acute Care Global Health Fellowship



Alexandra M. Vinograd, MD, MSHP, DTM&H

Program Director, Acute Care Global Health Fellowshop

Associate Professor of Clinical Pediatrics, Perelman School of Medicine, University of Pennsylvania

Attending Physician, Division of Emergency Medicine, Children's Hospital of Philadelphia

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Children's Hospital of Philadelphia

Acute Care Global Health Fellowship

Two-year non-ACGME approved fellowship at CHOP

Eligible applicants include American Board of Pediatrics certified or eligible pediatricians

Fellow divides time between CHOP & international sites

At CHOP, fellow works independently in urgent care or as an ED pediatrician

CHOP sites include CHOP Main and CHOP King of Prussia

International sites include established CHOP sites or sites selected by fellow & approved by mentorship committee

Children's Hospital of Philadelphia

Acute Care Global Health Fellowship Example Schedule

	Year One	Year Two
July	Orientation & CHOP	Global
August	CHOP & CHOP Global Health course	CHOP
September	Global	CHOP
October	Global	Global
November	Global	CHOP
December	CHOP	CHOP
January	CHOP	CHOP/DTM&H
February	CHOP	DTM&H
March	CHOP	DTM&H
April	CHOP & Humanitarian Response Intensive Course	Global
May	Global	Global/CHOP
June	Global	CHOP
*4 weeks of vacation/year; may be taken in 1 or 2 week blocks		
*50% of "CHOP" shifts may be at an affiliate site (i.e. Virtua Voorhees, KOP)		

Children's Hospital of Philadelphia

Fellow is paid as a PGY-4 with same benefits as a CHOP PGY-4

- Health Insurance
- Malpractice Insurance
- Professional expenses & licensure

Fellowship pays for:

- International travel (economy airfare) & housing
- Included courses: HRIC, DTM&H, CTropMed preparation material & exam fees
- Research stipend
- Conference attendance at CHOP Global Health Conference
- Co-pays for travel medicine appointment & indicated vaccines/medications

BCM/TCH Combined Pediatric Emergency Medicine – Global Health Fellowship

PEM-Global Health Combined Fellowship

Marideth Rus, MD, MEd

Baylor College of Medicine

Texas Children's Hospital®

Fellowship Overview

BCM started this program in 2005 in response to trainee desire for formal GH training

Initially started as a PEM fellowship, *global health track*

- 14 fellows have graduated to date
- Match 1 GH track fellow per year; designated spot in NRMP since 2013

Accredited by the APA in 2023; now a formally integrated fellowship with 36 months of PEM and 12 months GH over 4 years

- Approval by both ABP and ACGME for this structure

Current partner sites in Malawi, Belize, Guatemala, US border in San Diego

New structure

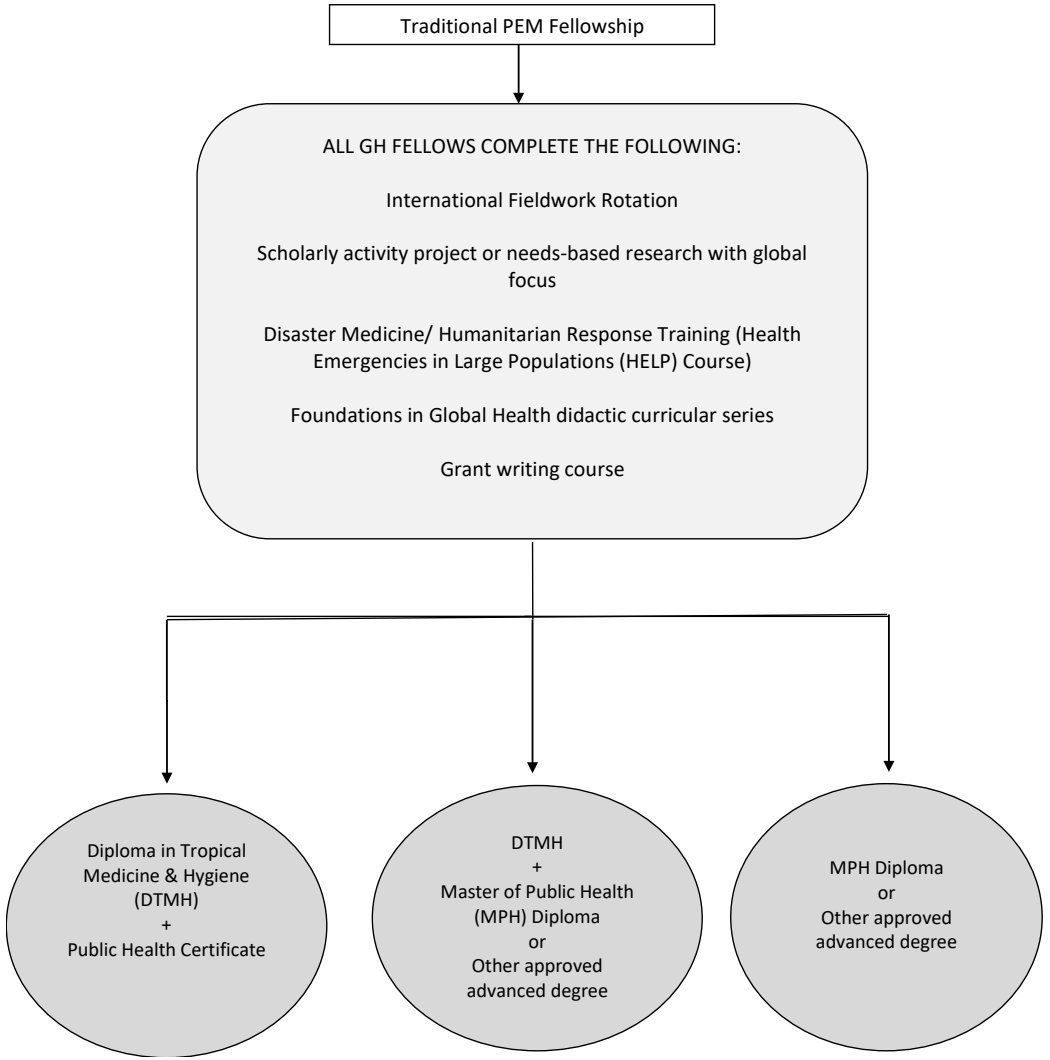
PEM

PEM 1st year	PEM 2nd year	PEM 3rd year
• 8 months PEM/Research • 2 weeks pediatric anesthesia • 2 weeks pediatric sedation • 1 month PICU • 1 month Adult EM • 1 month POCUS	• 9.5 months PEM/Research • 2 weeks orthopedics • 2 weeks toxicology • 2 weeks child protection • 1 month Trauma	• 7.75 months PEM/Research • 2 weeks anesthesia • 1 month elective • 1 month emergency medical systems • 1 month Adult EM • 1 week radiology • 2 weeks toxicology

PEM-GH

1st year	2nd year	3rd year	4th year
• 6 months PEM/Research • 2 months GH • 2 weeks anesthesia • 2 weeks sedation • 1 month PICU • 1 month Adult EM • 1 month POCUS	• 6.5 months PEM/Research • 3 months GH • 2 weeks orthopedics • 2 weeks toxicology • 2 weeks child protection • 1 month Trauma	• 6 months PEM/Research • 3 months GH • 2 weeks anesthesia • 1 month emergency medical systems • 1 month Adult EM • 2 weeks toxicology	• 6.75 months PEM/Research • 4 months GH • 1 week radiology • 1 month elective

Pathways tailored to fellow



GH curriculum
12 months over 4 years

International Fieldwork (clinical)	International Fieldwork (clinical)	Clinical/ scholarly mixed month	Clinical/ scholarly mixed month	Clinical scholarly mixed month	Clinical/ scholarly mixed month

Advanced training	Advanced training	Advanced training	Clinical, scholarly, or advanced training	Clinical, scholarly, or advanced training	Clinical, scholarly, or advanced training

Fellow Perspectives

1. Dr. Raisa Uddin, Recent Graduate University of Utah GRUCH Fellowship

2. Dr. Prakriti Gill Recent Graduate, CHOP Acute Care-GH Fellowship

3. Dr. Yazzy Koukaz, Current 3rd-year Fellow, BCM/TCH Combined PEM-GH Fellowship

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Breakouts: Choose Your Own Adventure

1. General Pediatric Global Health Fellowships
   Drs. Niescierenko, Robison, Vinograd, Steenhoff & Fellow

2. Subspecialty GH fellowships
   Drs. Cohn, Rus & Fellow

3. Global Health Fellowship Accreditation
   Drs. Crouse & Eckerle



ASSOCIATION OF PEDIATRIC PROGRAM DIRECTORS



ACADEMIC PEDIATRIC ASSOCIATION

Contact Us

- Heather Crouse, Director, Pediatric Emergency Medicine - Global Health Program | hlcrouse@texaschildrens.org
  Baylor College of Medicine / Texas Children's Hospital
- Michelle Eckerle, Associate Director of Education, Division of Emergency Medicine | Michelle.Eckerle@cchmc.org
  Cincinnati Children's
- Prakriti Gill, Recent Fellow, Acute Care-Global Health Fellowship | prakriti.gill@gmail.com
  Children's Hospital of Philadelphia
- Yasmine Kaoukaz, Pediatric Emergency Medicine Fellow | yasmine.koukaz@bcm.edu
  Baylor College of Medicine / Texas Children's Hospital
- Michelle Niescierenko, Director, Boston Children's Global Health Program | michelle.niescierenko@childrens.harvard.edu
  Boston Children's Hospital
- Jeff Robison, Vice Chair for Community and Global Engagement, Dept. of Pediatrics | jeff.robison@hsc.utah.edu
  University of Utah Health
- Marideth Rus, Associate Program Director, Pediatric Emergency Medicine Fellowship | mcrus@texaschildrens.org
  Baylor College of Medicine / Texas Children's Hospital
- Andrew Steenhoff, Fellowship Director, CHOP David N. Pincus Global Health Fellowship and Chair, APA Global Health-Pediatric Accreditation Committee | steenhoff@chop.edu
  Children's Hospital of Philadelphia
- Raisa Uddin, Recent Fellow, Global, Rural and Underserved Child Health Fellowship | raisa.uddin@hsc.utah.edu
  University of Utah Health
- Alex Vinograd, Fellowship Director, Acute Care-Global Health Fellowship | vinograda@chop.edu
  Children's Hospital of Philadelphia

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