Sunday, May 10

See page 16–17 for hours and locations of daily recurring events and resources. All events take place in the David L. Lawrence Convention Center (DLCC) unless otherwise noted.

8:00 a.m.–5:00 p.m. **Project Drop–Off** **DLCC Loading Dock**
(Afterwards by appt.) Finalists transporting their own projects may unload them only if registered. Each item must be clearly marked with finalist's name, address, and fair ID number. Only Fair Officials are permitted on the floor before 8:00 a.m. Sunday.

8:00 a.m.–8:00 p.m. **Setup of Projects/** **Halls B, D/E**
Display & Safety Inspections

8:00 a.m.–8:00 p.m. **Scientific Review Committee Interviews** **401-402**
Projects must be reviewed and cleared by the Scientific Review Committee (SRC) before they may be set up. An SRC project infraction list will be posted Saturday, May 9 at student.societyforscience.org/intel-isef/attendee.

10:00 a.m.–7:00 p.m. **Intel Lounge** **2nd Floor, Concourse A**
The outside has come inside in the new Intel Lounge. The Intel Lounge is a cool place to hang out where you can access the internet with Intel® mobile technology based Ultrabooks, tablets and All-in-Ones. Take a break in our rock garden area or catch up with friends and enjoy the view!

10:00 a.m.–7:00 p.m. **Intel Quad** **3rd Floor, East Atrium**
The Intel Quad provides a fun, interactive environment to connect and get hands-on with some of the latest Intel technology. Challenge your fellow finalists to a drone race, create memories in the Intel ISEF photo booth or try your hand at Intel® Real Sense™ Technology-powered games.

7:00 p.m.–9:00 p.m. **Student Pin Exchange** **Wyndham Grand Hotel**
Kings Garden and Grand Ballroom
This icebreaker event is for finalists and student observers, who are invited to trade pins and to meet new friends. There will be food, music, and good times for all.

Monday, May 11

8:00 a.m.–Noon **Scientific Review Committee Interviews** **401-402**
Only for finalists whose projects have not been cleared.

8:00 a.m.–6:00 p.m. **Project Setup/** **Halls B, D/E**
Display & Safety Inspection
Finalists transporting their own projects may unload them only if registered. Each item must be clearly marked with finalist's name, address and fair ID number.

Opening Ceremony
Monday, May 11
David L. Lawrence Convention Center
Hall A

Luis von Ahn
Co-creator of reCAPTCHA
Co-founder and CEO Duolingo
Associate Professor, Computer Science Department
Carnegie Mellon University

Your week at Intel ISEF 2015 kicks off with the Opening Ceremony. This high-energy event will be led by co-host Ashley Dougherty, meteorologist for WTAE-TV in Pittsburgh. This year's keynote speaker, Luis von Ahn, is regarded as one of the founders of crowdsourcing. von Ahn is a co-creator of reCAPTCHA, a tool that protects websites from spam and abuse, that was sold to Google in 2009. Currently, von Ahn is Co-Founder and CEO of Duolingo, which has been named Apple's iPhone App of the Year and Google Play's Best of the Best for 2013 and 2014.

Be part of the show!
You are invited to participate in the keynote by tweeting questions with #IntelISEF.

Questions will be selected and asked after the keynote.
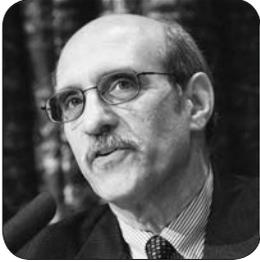**Start tweeting now!**

Born and raised in Guatemala, von Ahn graduated from the American School of Guatemala. Upon graduating, he went on to Duke University to obtain a B.S. in mathematics followed by a Ph.D. from Carnegie Mellon University where he now serves as an Associate Professor in the Computer Science Department.

In 2006, von Ahn was awarded a MacArthur Fellowship and has been named one of the top 50 Best Brains in Science by *Discover* magazine.

| 8:00 a.m. – 5:30 p.m. | **Intel Lounge** | **2nd Floor, Concourse A** |

| 8:00 a.m. – 5:30 p.m. | **Intel Quad** | **3rd Floor, East Atrium** |

| 9:00 a.m. – 3:30 p.m. | **Symposia** | **407-412** |

See full schedule on pages 40–46.

2:00 p.m. – 6:00 p.m. **Intel ISEF 2015 EXPO**   **Spirit of Pittsburgh Ballroom B**
All Intel ISEF 2015 participants are welcomed and
encouraged to visit this year's exhibits. Organizations
with a science and education focus, including educational
institutions, agencies, corporations and other sponsors will
be on-hand.

3:30 p.m. – 6:30 p.m. **Opening Ceremony Dinner**   **Spirit of Pittsburgh**
All registered attendees are welcome.   **Ballroom**
Intel ISEF name badges are required to enter.

6:30 p.m. – 7:00 p.m. **Opening Ceremony Pre-Show**   **Hall A**
Casual Attire — Doors open at 6:00 p.m.

7:00 p.m. – 8:30 p.m. **Opening Ceremony**   **Hall A**
Sponsored by Intel Corporation
Keynote Speaker: Luis von Ahn
The Intel ISEF Opening Ceremony officially kicks off the
week of events for 2015. You will have the opportunity to
ask questions during the event through Twitter, so make
sure you have your Twitter account set up and include the
hash tag #IntelISEF to tweet your questions.

8:00 p.m. **Final Project Infractions List**
Posted at Registration, outside of Exhibit Halls, and on
student.societyforscience.org/intel-isef/attendee.

Tuesday, May 12

8:00 a.m. – 9:30 a.m. **Project Infraction Clearance**   **Halls B, D/E**
Both the Scientific Review Committee and Display & Safety
Committee will have conducted a final review of all projects
by Monday afternoon. If any problems with a project are
identified during review, the finalist's booth number will be
posted outside the Exhibit Hall on Monday, May 11. Only
those finalists with infactions will be permitted in the Exhibit
Halls beginning at 8:00 a.m. A project cannot be judged
unless it has been cleared by the SRC or D&S by 9:30 a.m.,
Tuesday, May 12.

| 8:00 a.m. – 6:00 p.m. | **Intel Lounge** | **2nd Floor, Concourse A** |

| 8:00 a.m. – 6:00 p.m. | **Intel Quad** | **3rd Floor, East Atrium** |

Don't miss the

Excellence in Science and Technology Discussion Panel
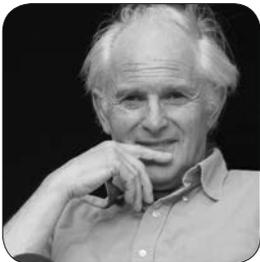
Tuesday, May 12, 2:00 p.m.
David L. Lawrence Convention Center, Hall A

Martin Chalfie
Columbia University
Nobel Prize – Chemistry
2008

H. Robert Horvitz
Massachusetts Institute
of Technology
Nobel Prize – Physiology or
Medicine
2002

Sir Harold Kroto
Florida State University
Nobel Prize – Chemistry
1996

John Mather
NASA Goddard
Space Flight Center
Nobel Prize — Physics
2006

Joe Palca
Science Correspondent, NPR
Moderator

presented by
Intel Corporation

9:00 a.m.–5:00 p.m.	**Symposia**	**407-412**
	See full schedule on pages 40–46.	

9:00 a.m.–5:00 p.m.   **Intel ISEF 2015 EXPO**   **Spirit of Pittsburgh Ballroom B**
Free refreshments will be served from 9:00 a.m.–11:00 a.m.

9:30 a.m.–11:30 a.m.   **Press/Public Relations Time with Finalists**   **Halls B, D/E**
All finalists have the opportunity to come to the Exhibit Hall for scheduled press interviews, be available for impromptu visits from visiting sponsors and dignitaries and check their booth area.

2:00 p.m.–4:00 p.m.   **Excellence in Science and Technology Panel**   **Hall A**
Presented by Intel Corporation — Casual Attire
All attendees are invited to a conversation with Nobel Laureates. Panelists are: Martin Chalfie, H. Robert Horvitz, John Mather, and Harry Kroto. The panel will be moderated by NPR Science Correspondent and SSP Trustee Joe Palca.

7:00 p.m.—9:00 p.m.   **Intel ISEF Mixer Event — Students only at AE Stage; Adults only at Heinz Field**
All registered Official Party members are invited to this fun night of minging, dancing and dinner. Attendees should use Light Rail, known as the "T" in Pittsburgh, to get to and from the events. The service is free from downtown stops to the North Side stop, which attendees should use on Tuesday night. "T" stops are located near block hotels and are noted on the Pittsburgh map on pages 20-21. At AE Stage, finalists and observers will enjoy a DJ-hosted dance party and games. Heinz Field will host attendees who are over 21. Dinner will be served. Participants MUST wear their Intel ISEF badge to attend.

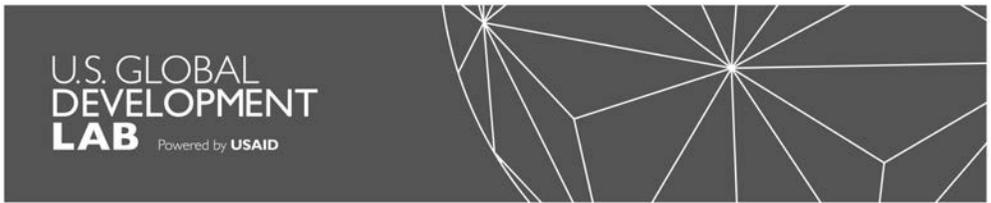## Wednesday, May 13

8:00 a.m.–11:45 a.m.   **Exhibit Hall Open**   **Halls B, D/E**
Finalists at Projects for Interviews — Professional Attire
Finalists & Judges only

8:00 a.m.–6:00 p.m.   **Intel Lounge**   **2nd Floor, Concourse A**

8:00 a.m.–6:00 p.m.   **Intel Quad**   **3rd Floor, East Atrium**

8:15 a.m.–1:00 p.m.   **Student Observer Program**   **Westin Hotel – Allegheny Ballroom**
For students registered as Student Observers with their Official Party and pre-registered for this event here: https://student.societyforscience.org/student-observer-experience-volunteer-opportunity

9:00 a.m.–3:30 p.m.   **Symposia**   **407-412**
See full schedule on pages 40–46.

11:45 a.m. – 1:00 p.m.	**Lunch Break**
	Concession stands and additional seating will be available outside Hall C. No outside food may be brought into the Convention Center.
1:15 p.m. – 5:00 p.m.	**Finalists at Projects for Interviews** Halls B, D/E
	Finalists and Judges only — Professional Attire
7:00 p.m. – 11:00 p.m.	**Pittsburgh Welcome Night**
	For one night, the Carnegie Science Center, SportsWorks and Heinz Field, home of the National Football League's Pittsburgh Steelers, belong to Intel ISEF. Attendees should use Light Rail, known as the T in Pittsburgh, to get to and from the event. The service is free from the downtown stops to the North Shore or Allegheny Stop, which attendees should utilize on Wednesday night. "T" stops are located near block hotels and are noted on the Pittsburgh map on pages 20-21. Guests will enjoy exclusive access to all venues throughout the night. Dinner will be served stadium-style out of the concession stands at Heinz Field. While there, guests may sit in the stands and visit the FedEx Hall of Fame featuring Steelers memorabilia. There will also be live entertainment and a DJ. The Carnegie Science Center offers four floors of interactive exhibits, including Rangos Omnimax Theater, the biggest screen in Pittsburgh; roboworld™, the world's largest permanent robotics exhibit; the Buhl Planetarium; and SpacePlace, featuring a two-story, walk-in replica of the International Space Station. Dessert and beverages will be served throughout the Carnegie Science Center.

Schedule of Events

Thursday, May 14

8:00 a.m.–5:00 p.m.	**Intel ISEF 2015 EXPO**	**Spirit of Pittsburgh Ballroom B**
8:00 a.m.–6:00 p.m.	**Intel Lounge**	**2nd Floor, Concourse A**
8:00 a.m.–6:00 p.m.	**Intel Quad**	**3rd Floor, East Atrium**
9:00 a.m.–3:30 p.m.	**Symposia**	**407-412**

See full schedule on pages 40–46.

9:00 a.m.–9:00 p.m.   **Public Visitation Day**   **Halls B, D/E**
Finalists' exhibits are open to the public.

10:00 a.m.–2:00 p.m.   **All Finalists Required at Projects**   **Halls B, D/E**
Meal vouchers for concession stands in Halls B and D/E and in the Concourse outside Hall C will be provided to finalists for lunch. Finalists should note their lunch time on their voucher.

7:00 p.m.–10:00 p.m.   **Special Awards Ceremony**   **Hall A**
(Doors open at 6:30 p.m.)—Professional Attire Ceremony in which Special Award Organizations, academic institutions and government agencies give awards.

Friday, May 15

7:00 a.m.–3:00 p.m.   **Bag Storage**   **Hall C**
Attendees who are leaving Pittsburgh immediately after the Awards Ceremony may store their bags/suitcases in Hall C. This service will be provided at no charge. Bags and suitcases are NOT permitted inside the Ceremony Hall or left in open areas in the Convention Center.

9:00 a.m.–11:30 a.m.   **Grand Awards Ceremony**   **Hall A**
Sponsored by Intel
(Doors open at 8:30 a.m.)—Professional Attire
All students are to be seated by 8:45 a.m.
Awards Ceremony where winners from each category as well as the top overall winners for Intel ISEF 2015 are announced.

Close of Awards Ceremony–2:00 p.m.   **Exhibit Halls Open for Project Teardown**   **Halls B, D/E**
Finalists take down and pack projects for return home. Any stored packing material will be at finalists' project booths. Finalists transporting their own projects will load them upon completion of packing. Projects being shipped via FedEx or GES/heavy freight must be packed and processed for shipping by 2:00 p.m. Intel ISEF 2015 nametags required at all times during dismantling - No exceptions.