Latest news from your neighbourhood
Trainees' Advisory Committee

... Here to make sure YOU are heard!

CREATE Summer School in Arctic Atmospheric Science
27 July 2012
Outline

- What is the TAC?
- Current TAC members
- Are you a Trainee?
- TAC meetings
  - Contact us if you want to participate!
- Resources for Trainees
- Social events
- Networking
- Undergraduate trainees
Trainees' Advisory Committee

- Represents the interests of students, both undergraduate and graduate, and post-doctoral fellows
- Promotes interactions between the young researchers and CANDAC
- Organizes social and research-related events
- Provides opportunities for networking
- Advises the Training Program Committee on trainee affairs
Are you a CREATE trainee?

You are a CREATE trainee if any of these people supervises your work:

11 Co-I’s from 8 Canadian universities:
- Kim Strong (U Toronto)
- Jim Drummond (Dalhousie; CANDAC/PEARL PI)
- Tom Duck (Dalhousie)
- Alan Manson (U Sask)
- Norm O’Neill (U Sherbrooke)
- Marianna Shepherd (York U)
- Bob Sica (UWO)
- Jim Sloan (U Waterloo)
- Kaley Walker (U Toronto)
- Jim Whiteway (York U)
- William Ward (UNB)

10 Collaborators:
- Stephen Argall (Fanshawe College)
- Doug Degenstein (U Sask)
- Pierre Fogal (EC)
- David Hudak (EC)
- Tom McElroy (York U)
- Gordon Shepherd (York U)
- Kevin Strawbridge (EC)
- Taneil Uttal (NOAA/SEARCH)
- Ed Eloranta (U Wisconsin)
- Von Walden (U Idaho)
Trainees' Advisory Committee

We are aiming for good membership continuity year to year. We have 3 new members beginning in July 2012.

**Current Members**
- Felicia Kolonjari (Toronto) -- Chair 2012/2013
- Dan Weaver (Toronto) -- Social Media Coordinator
- Zen Mariani (Toronto) -- Secretary
- Emily McCullough (Western) -- Chair 2011/2012
- Chris Perro (Dalhousie)
- Jonathan Franklin -- stepping down after this term
- David Daou -- stepping down after this term
- Robin Wing -- stepping down after this term

**New Members**
- Debora Griffin (Toronto)
- Liviu Ivanescu (UQAM/ Sherbrooke)
- Christian Akpanya (New Brunswick)
TAC Meetings & Info Sessions

- Phone meetings every 1-2 months
  - Most recent: 25 June 2012 and 17 July 2012
  - Upcoming: September 2012

- In-person meetings whenever possible
  - Summer school July 2011
    - Info Session about the TAC, the CREATE program, and related opportunities for all participants
    - In-person TAC member recruitment was effective
  - Summer school July 2012
    - Yesterday (Thursday) at lunch hour
Collaboration
Resources for Trainees

- **Mailing list**
  - [create_trainees@candac.ca](mailto:create_trainees@candac.ca)
  - **You** can use this!
    - Ask science and data questions to other students
    - Find roommates and shared transportation at conferences and meetings
    - Organize informal events
    - Ask others to take photos, etc, for you while they are up North doing research
Resources for Trainees

- **CREATE Mentor Directory**
  - Grad students, postdocs, profs, etc who are available for trainees to contact with questions, etc. This could be a good source of insight for trainees looking into institutions at which to do their next atmospheric-related degree/job.
  - Administered by Ashley Kilgour and Kim Strong through the CREATE website
  - Status: Database has been prepared and it's up on the website. The password will be circulated very soon!
Resources for Trainees

- Exchange Program
  - Collaborative visits to other team members and institutions involved with this CREATE project
  - At summer school 2011, discussed the program with trainees and TAC gave input about application forms/procedure
    ... and it's a really easy process!
  - Exchanges at conferences can be a cost-effective way to get multiple trainees from more then 2 institutions together
    - AGU 2011 in San Francisco had 6 trainees.
Resources for Trainees

Industry Partnerships

- To visit companies providing instrumentation to PEARL
- Same application process as for Exchange Program
- This helps both the company and the student. Feedback and learning goes both ways.
- October 2011 Niall Ryan visited Virginia Diodes and Thomas Keating Instruments in Charlottesville, VA to discuss the design and construction of a millimetre-wave radiometer
Purpose: to provide a platform for communicating the fantastic & interesting work we do.

- Also advertise opportunities, generate enthusiasm and awareness of our work, connect with others.
CREATE TAC Social Media

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- Audience: each other and the wider world.
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- **Purpose:** to provide a platform for communicating the fantastic & interesting work we do.
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- **Audience:** each other and the wider world.
- We don’t need to wait for Margaret & journalists to cover our stories. We can take the initiative!
- **Needed:** broader engagement with CREATE trainees!!
- **Contact:** Dan dweaver@atmosp.physics.utoronto.ca
Twitter: @CREATEArcticSci

- Short posts (<= 140 characters, incl. spaces)
- Pictures and links are *good*
- Dan can help “translate” your ideas into Tweets
CREATE ArcticScience
@CREATEArcticSci

Team photo in front of the Summit Air charter airplane: (they've now started the first day of work at Eureka!)
pic.twitter.com/tObRtv3K

CREATE ArcticScience
@CREATEArcticSci

U of T grad student (Joseph) and EC intern (Alex) look out at the high Arctic summer landscape near Eureka & PEARL.
pic.twitter.com/lCWn7Eal

CREATE ArcticScience
@CREATEArcticSci

Neat fact: while working in the high Arctic, our researchers experience 24 hours of sunlight during the summer! #ArcticFacts
#Arctic

Expand
Facebook Group

- A Facebook Page didn’t seem quite appropriate
- However, the Group seems to work well for informal sharing and discussion in a platform most of us use frequently.
  - E.g. sharing interesting news stories, not necessarily “right” for the Twitter & Blog posts (effectively an internal communication platform)
CREATE Arctic Science Blog

- New initiative
- We have incredible stories to tell & to read!
- To start, I’ll send an email to the CREATE list to announce new blog posts.
- Appeal for Engagement!
- Common Question: “can I post directly?”
  - Answer: No. Talk to Dan, he will post. We have discussed appropriate use of social media with the CREATE Program Director and have to follow their guidelines. For example, we cannot be political.
- Contact: Dan
dweaver@atmosp.physics.utoronto.ca
Outreach

- Trainees are encouraged to do outreach
  - Ashley Kilgour is the outreach coordinator
  - Talk to Ashley or the TAC if:
    - You want to get started and need some help getting started
    - You have great ideas to contribute
Social Events

- Summer school activities (23 - 27 July 2012)
  - TAC advises Ashley and Kim about these
  - ... so tell us what you think!
- Socials during research meetings
  - CREATE/CANDAC (2010) - success
  - AGU Fall Meeting (Dec 2011) - success
    - Supper and touristy evening with present and past CANDAC CREATE trainees
  - Quadrennial Ozone Symposium (26 - 29 Aug 2012) - planned
    - Felicia is organizing the volunteers and several social events (icebreaker and pub night)
  - AGU Fall Meeting (Dec 2012) - let's plan something.
Career Networking

- Career Panel
  - This was great, yesterday! Ideas for next time?
- Idea: Networking event, maybe at the next CREATE symposium?
  - Would likely fit in well with Industrial Partnership Program's goals
  - Trainees’ can identify alternative career paths and make connections in these industries
  - Possibility of new collaborations
  - Could liaise with the Career Centre at the host university, if such a resource exists
- ... **Trainees**: Any good ideas on this? Email your favourite TAG member!
TAC is trying to increase the accessibility of CREATE to undergraduates at our respective universities.

- Encourage undergraduates we know to do arctic research
- Talks at individual universities by TAC members
- Undergrads... What can we do to make things more accessible to you? Email one of the TAC members and let us know!
As part of the CREATE Program requirements, we are asking all Summer School attendees to complete a survey for the purpose of improving and ensuring the success of this program in the future.

Your feedback will be used to assess and improve components of the Summer School, determining what worked well and what could be changed, enabling the Summer School to evolve over the course of the Program.

Please be candid and constructive in your responses and provide comments and suggestions as you see fit.