

# EDUCATION

STRAIGHT A'S

The Journal welcomes ideas about students from and in our community.

Call the Journal at 285-7411

## Falls grad part of UMD snowmobile team success

JOURNAL STAFF REPORT

A Falls High School graduate is among 12 University of Minnesota Duluth students celebrating their success at the 2015 Clean Snowmobile Challenge in Houghton, Mich.

For the second year in a row, they won the contest's Innovation Award and they were recognized with the Best Manufacturability Award. They also placed fourth overall in the internal combustion division, says a news release from the school.

The Clean Snowmobile Challenge is offered by the Society of Automotive Engineers to encourage innovation in reducing snowmobile emissions and noise levels. Teams from around the world participate in a rigorous six day event hosted by Michigan Tech that includes inspections by professional engineers, a 100 mile endurance run, cold start tests, handling and acceleration courses and technical presentations.

International Falls native Charlie Gordon was one of the snowmobile drivers and said it was an amazing experience.

"It was nice to take a break from studying to hang out with the team and work on the sled," said Gordon in the release. "Everyone on the team worked very hard to accomplish this goal and it paid off."

Team Captain Dylan Dahlheimer explained how the Innovation Award came from their development of a chassis dynamometer testing technique.

"We set up a big water tank, about 8-feet by 3-feet, and would run the snowmobile track in it to test our modifications," said Dahlheimer. "It was great because the force of the water is similar to the fluid load of snow so we could immediately tell how much power it was using."

The group received a brand new snowmobile from Arctic Cat in November and promptly took it apart. The team then worked on transforming it into a quieter model with fewer emissions



Charlie Gordon maneuvers the team's snowmobile through the course.

and greater drive line efficiency. According to Dahlheimer, the final product performed well and their design includes features already used in the automotive industry versus being completely new and unique.

"I think that's why we won the Manufacturability Award," said Dahlheimer. "Our machine is reliable and would be easier to reproduce than many of the other teams' sleds."

In addition to winning awards, the group's snowmobile successfully completed the endurance run, cold start test and nearly took home the acceleration prize with a zero to 66 mph run in 500 feet.

UMD Associate Professor Emmanuel Enemuoh is the team's advisor. "Taking on this challenge and just getting to the competition takes a highly driven group of students," said Enemuoh. "And they're not just getting hands-on engineering experience. They're also improving their skills in teamwork, organization, fundraising and presentations."

About 25 people were involved with the UMD Snowmobile Club. Most are students in the mechanical and industrial and electrical engineering departments of UMD's Swenson College of Science and Engineering. They are: Mark Boeckmann, Brenden Bungert, Dylan Dahlheimer, Nels Eide, Gordon, Spencer Johnson, Joe Lofgren, Jake Lynch, Ryan Schefers, Nicole Sovde, Ben Suter, and Heather Tinus.

The Snowmobile Club is a student life organization and welcomes membership from all backgrounds. Its primary supporter is UMD's Mechanical and Industrial Engineering Department which provides meeting and lab space. The club also received major support from Arctic Cat. Other groups that donated parts or funds to help with the project include: SCSE, IonE, United



CONTRIBUTED PHOTOS

From left are Spencer Johnson, Ryan Schefers, Joe Lofgren, Mark Boeckmann, Charlie Gordon, Ben Suter, Dylan Dahlheimer, Nicole Sovde, Nels Eide, Brenden Bungert, Jake Lynch, and Heather Tinus, on snowmobile.

Piping, Amsoil, Heraeus, Lake Superior Consulting, New Page, C3 Powersports, Team Industries, US Steel and Performance Electronics.

In 2014, SCSE enrolled 3,050 undergraduate and 220 graduate students. The College is home to ten academic departments, the Large Lakes Observatory, the UMD Air Force ROTC program, and the Iron Range Engineering program. SCSE students also benefit from hands-on research opportunities through its collaboration with multiple research institutions and area businesses. To learn more about SCSE visit: <http://www.d.umn.edu/scse>.

### AGENDA

City of International Falls - City Council Regular Meeting  
4:30 P.M., Monday, March 16, 2015  
Council Chamber, 600 Fourth Street

PLEDGE OF ALLEGIANCE TO THE FLAG

CALL TO ORDER

ROLL CALL

APPROVE AGENDA WITH ANY ADDITIONS/DELETIONS TO THE AGENDA (only by unanimous consent).

APPROVAL OF MINUTES

- Minutes of the March 2, 2015 Regular City Council meeting (Council action-motion)

PAYMENT OF CLAIMS AND APPROVAL FOR PAYMENT OF ACCOUNTS PAYABLE

- Adopt Resolution No. \_\_-15, Approving Transfers, Payment of Claims and Accounts Payable (Council action-motion)

AUDIENCE – OPEN FORUM (The Open Forum is an opportunity for the audience to address the City Council on any matter not listed on the agenda. Please limit your comments to five minutes.)

PUBLIC HEARINGS

OPENING BIDS (AND/OR QUOTES)

OLD BUSINESS

CONSENT AGENDA: The Consent Agenda allows the City Council to take action on routine matters by one motion that shall not be debated and shall be adopted by unanimous vote of those present. Any individual council member may remove an item from the Consent Agenda for discussion on the regular agenda (Council action – motion).

- Approve travel and registration expenses for Safety and Loss Control Workshop, April 23, 2015.
- Approve travel and registration expenses for the League of Minnesota Cities Annual Conference, June 24-26, 2015.
- Approve Minnesota State Colleges and Universities Memorandum of Agreement between Mesabi Range College and City of International Falls Fire/Rescue/EMS.

NEW BUSINESS

- Steve Crosby, Waschke Family GM Center- lease agreement of Kerry Park Arena for an indoor car show April 7-9, 2015 (Council action-motion)
- Request to approve \$300 in funding for the International Falls Outdoor Expo, April 10 - 11, 2015 (Council action-motion)
- Year 2015 Tobacco license application for Dollar General Store # 15619, 1025 3rd Avenue, International Falls, MN, beginning March 29, 2015 – December 31, 2015 (Council action-motion)
- Resolution No. \_\_-15 Approving application for exempt permit for Citizens for Backus/AB, Inc. (Council action-motion)
- Open Book meeting to informally appeal property valuations/assessments is scheduled May 6, 2015 from 9:00 A.M. to Noon at the County Assessor's office, 715 4th St., Int. Falls (Council information)
- Any other business.

REPORTS OF ALL BOARDS, COMMITTEES AND DEPARTMENT HEADS

- Reports of the Administrator, Attorney, and Department Heads
  -
- Reports of the Mayor, Council Committees, Boards and Commissions
  -

AUDIENCE – OPEN FORUM

CORRESPONDENCE

- February 10, 2015 – Chamber of Commerce Board of Directors meeting minutes

REMINDERS

- Next regular City Council meeting is at 4:30 P.M., Monday, April 6, 2015

ADJOURNMENT

Note: Matters inappropriate for consideration at the meeting or not in the order specified shall not be considered except 1) with the unanimous consent of the members of the City Council, or 2) scheduled public hearings or bid lettings, but not before the time stated in the notice.

The City of International Falls complies with the Americans with Disability Act. Individuals with disabilities requiring special aids should contact the City Administrator, 600 Fourth Street, International Falls, MN, 56649, 218-283-9484, at least 48 hours prior to the scheduled meeting.

PIANO TUNING

March 18-21

For Your Beautiful Piano Playing Pleasure

Call 1-877-YES-TUNE

Matthias Rom-Pianoworks

Registered Piano Technician

Piano Technicians Guild

[matthias@mypianoworks.com](mailto:matthias@mypianoworks.com)

Fine Tuning in The Falls since 1983

ATTENTION CLIENTS & FRIENDS

I am moving Salon's. Starting March 17<sup>th</sup>, I will be located at V.I.P Salon.

(Located in between Sandy's & O'Reilly's)

**Cherall Mann**

1516 2nd Ave.

Int'l Falls, MN 56649

218-240-5951

## Welcome to the family

**Ingrid Kaijage, MD**  
*Family Medicine with Obstetrics*  
Essentia Health-International Falls Clinic

Dr. Ingrid Kaijage has joined the Family Medicine Department at the Essentia Health-International Falls Clinic. In addition to caring for patients of all ages, Dr. Kaijage (Ki-ja-gay) will also provide obstetrics care.

"I was looking for a rural Family Medicine practice where I would have a wide scope of practice and could also use my obstetrics skills. This opportunity feels like a perfect fit for me," says Dr. Kaijage.

Dr. Kaijage earned a medical degree from Muhimbili University College of Health Sciences in Dar-es Salaam, Tanzania, where she also completed a residency in obstetrics and gynecology. She completed a family medicine residency with the Smiley's Family Medicine Clinic, which is part of the University of Minnesota Medical School in Minneapolis, MN. She is certified by the American Board of Medical Specialties in family medicine.

"I am an advocate for all my patients and I make sure to carefully listen to them and hear their concerns and questions," says Dr. Kaijage. "I treat the whole person and we work together to make decisions that will improve their health and well-being."

To schedule an appointment with Dr. Kaijage, call 218.283.9431.

To see her profile, go to [EssentiaHealth.org](http://EssentiaHealth.org) and click on "Find a Medical Professional."

Find us on Facebook

"I have a passion for obstetrics and taking care of families, from bringing new lives into this world to caring for the elderly." – Dr. Kaijage

**Essentia Health**  
Here with you