

What's in a Name?

The Operation Minerva conference is the female counterpoint to the Operation Thoth conference.

Minerva is the Roman Goddess of Wisdom and the Arts; identified with the Greek goddess Athena (for which Athens was named). Her name contains the root "mens", meaning thought.

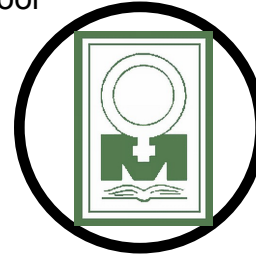


At Praxis, we hope that the participants experience at this conference piques their interest in pursuing the wide variety of Science, Technology, Engineering and Math opportunities in Medicine Hat and surrounding area. We hope they will enjoy their day with us and will have had fun learning something new.

Thank you for considering participating in the 21st annual Operation Minerva conference.

Thank you to the following:

- Medicine Hat School District No. 76
- Prairie Rose School Division #8
- Medicine Hat Catholic Separate Regional Division #20



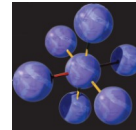
Medicine Hat High School



Methanex



Alberta Women's Science Network (AWSN)



Cancarb



Praxis
Event organizer.



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The Science and Technology Hotline

PraxisMedHat.com

A *STEM discovery conference for grade 9 girls

Operation Minerva 2014



Date: April 11, 2014

9:00 am—4:00 pm

Host site:

Medicine Hat High School

*Science, Technology, Engineering & Mathematics

Purpose of Operation Minerva

On behalf of Praxis we would like to welcome you to our 21st Annual Operation Minerva Conference.

Operation Minerva is a conference organized by Praxis to expose up to 60 potential young female scientists, engineers and technicians presently in grade nine from our service area (South East Alberta) to career opportunities in fields that have a component in Science, Technology, Engineering and Mathematics; the STEM subjects. Created in 1992 Operation Minerva is a day-long conference involving mentoring with female role models as well as other important learning experiences. The



conference may include innovative workshops/displays, formal/informal group discussions and opportunities for establishing networks.

Goals of Operation Minerva

- To encourage grade nine young women to consider Science, Technology, Engineering and Math related careers (the STEM areas), and to demonstrate the importance of enrolling in these courses in high school to achieve these ends.
- To showcase the opportunities in the STEM fields in the Medicine Hat area.
- To provide an experiential base to assist the young women in their decision making when planning their high school and post secondary educational programs.

- To dispel, in the minds of students "scientist", "nerd" and "math geek" myths and stereotypes and to show that Science, Technology, Engineering and Math are important and interesting.
- To dispel the myth that the STEM fields are in the male domain.
- To allow participants an informative yet "fun" experience in an effort to enhance and develop positive attitudes towards courses and careers in the STEM fields.
- To increase the numbers of South East Alberta young women pursuing STEM area career paths.
- To increase media exposure for the STEM areas resulting in greater public understanding of the impact of these fields in society.

Please refer to our website often for the most current information: <http://praxismedhat.com/services-operation-minerva>

Itinerary:

9:00 am

Arrive at assigned mentor location

9:00-11:30 am

Participate in mentor job shadow

11:30 am—12:00 pm

Travel to MHHS (use South Foyer entrance)

12:00 pm—12:50 pm

Lunch—provided by Praxis)

MHHS cafeteria area (Note: cafeteria not open)

12:50—1:00 pm

Afternoon Procedures Reviewed

1:00 pm—1:45 pm

Workshop Session #1

1:45 pm—2:30 pm

Workshop Session #2

2:30 pm—3:15 pm

Workshop Session #3

3:15 pm—3:25 pm

Return to Cafeteria area

3:25—3:55 pm

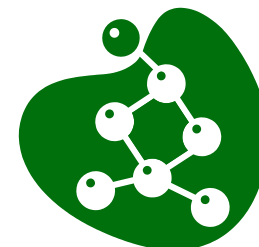
Closing Activities

4:00 pm

**Pick-up—MHHS, 200 7th Street SW (main entrance)
(Please have your rides home arranged ahead of time)**



Note: Please come to the conference dressed appropriately. Clothes must be clean and neat in appearance without any offensive logos or sayings as participants will be guests at local businesses. Due to the lab facilities and activities in some locations, open-toed shoes (such as sandals) can not be permitted. Weather permitting there may be some outdoor portions of the conference, please bring appropriate outerwear.



Please contact us if you have any questions.

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