First Floor Naming Opportunities

H101) Main office:  $30,000/suite; $10,000/office
Houses the Department Chairs, secretaries, files, and copier. Intended to be the hub where "intellectual collisions" occur between faculty members.

H102) Electronics Lab: $35,000
Students examine phenomena such as analog electronics, AC and DC circuits and laws of network analysis.

H103) Physics II Lab: $50,000
Students examine phenomena such as electricity and magnetism, motion, and quantum physics.

H104) Reading Room: $30,000
The Reading Room looks into the Kourela-Stavrides Science Courtyard.

H105) Physics I Lab: $50,000
Students examine phenomena such as kinematics, dynamics heat, and gravitation.

H106-H107) Physics Research Labs: $25,000

H108) Astronomy Computation Research Lab: $25,000
Students conduct research in astronomy and astrophysics. This includes processing and analyzing data obtained at the Fredonia Observatory.

H109) Conference Room: $30,000
Features shadowed glass walls.

H110) Large Student Lounge: $75,000
At the heart of the building with glass walls. Great for study, group work, and socialization.

H111) Fossil Arthropod Lab: $25,000
This lab is used for hydrology, stratigraphy, geochemistry, and where geomorphology labs are taught.

H115) Geomorphology Lab: $50,000
This lab is used for hydrology, stratigraphy, geochemistry, and where geomorphology labs are taught.

H116) Quaternary Geology Lab: $25,000

H117) Earth Materials Lab: $25,000
This lab is used for mineralogy and petrology.

H118) Mineralogy and Petrology "Min/Pet" Lab: $50,000
This lab is used for mineralogy and petrology.

Kourela-Stavrides Science Courtyard
This open space features native plants and examples of local geologic features. Landscaping includes benches and diagonal pavement which links the courtyard to the adjacent Science Quad. In memory of Maria K. Stavrides. Donated by Family and Friends.

Falcon Greenhouse
Premier greenhouse is adjacent to the south garden and supports botany experiments for the biology and science education programs. Donated by Joseph '74 and Jane (Schuster) Falcon '74.

DC) Display Cases (5): $5,000 each
The Atrium and hallways feature intricate displays of STEM research specimens and phenomena.

104) Atrium: $500,000
Two-story glass-enclosed atrium featuring informal seating, science displays and a café. The Atrium and Reading Room are connected, forming a corridor of glass and light through the building.

105) Kelly Family Auditorium
A 120-seat state-of-the-art lecture hall. Donated by Dr. Jeffery Kelly '82.

110) Lake Shore Savings Science Education Teaching Lab
A teaching space where specialized courses for STEM education majors and science courses for childhood education majors are taught. Donated by Lake Shore Savings.

111) Research Lab: $25,000

117) Hefner Seminar Room
In honor of Dennis and Jan Hefner.

119) Costello Reading Room
Overlooking the south garden and playing field and designed for quiet study. In honor of Dennis '72 and Kathryn Costello.

121) Computer Lab: $50,000
Open access computer lab is equipped with software specific to STEM programs.

122) Willson Classroom
A "smart" classroom which is suitable for all teaching styles with windows looking out at the Science Courtyard. Named for Col. C. Ross (Ret.) '39 and Phyllis Ellis Willson '39.

123) Animal Behavior Research Lab: $25,000

124) Cornahan Classroom
A "smart" classroom which is suitable for all teaching styles with windows looking out at the Science Courtyard. Donated by David H. Cornahan.

127) Mantai Research Lab
Donated by the family of Dr. Kenneth E. Mantai.

130) Storch Ecology Teaching Lab
A "window into science" provides views of ecology, environmental science and aquatic experiments. Donated by Francis J. Priznar '76. In honor of Dr. Thomas Storch.

131) Animal Ecology Research Lab: $25,000

141) Scanning Electron Microscope (SEM) Lab: $5,000

143) Kaminski General Chemistry Teaching Lab
Donated by the family of Arnold Holmberg and Dr. Robert Wettingfeld. Donated by Holmberg Foundation of Jamestown, NY.

STUDY ALCOVES:
A2, A3: $5,000 each
In front of each office pair, alcove spaces for studying are furnished with benches and writing boards, allowing for informal teaching.

A1) Schall Study Alcove
Donated by Dr. Susan Schall '81. In honor of her parents Dr. William and Mrs. Carol Schall.

A4) Wilson Study Alcove
Donated by Francis J. Priznar '76. In honor of Dr. Josephine F. Wilson '74.

FACULTY OFFICES:
F1-F6, F8: $10,000 each
Faculty office are paired behind study alcoves and placed between teaching and research labs.

F7 (132) Wood Faculty Office
This office is donated by Francis J. Priznar '76, Josephine F. Wilson '74, Tom Fink '75 and Jules Silverman '75. In honor of Dr. Kenneth G. Wood.

F9-F14) Physics Faculty Offices: $10,000

F15-F20) Geology Faculty Offices: $10,000

For more information about the Fredonia Science Center Complex project, please visit: fredonia.edu/science-complex
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Second Floor Naming Opportunities

Fredonia Science Center Complex  
Science Center and Houghton Hall

Houghton Hall  
Second Floor

1. Computer Lab: $75,000  
   Lab is used for many computer science courses that involve operating systems, geology, and statistics.

2. Kegler Computer Lab  
   Lab is used for computer science courses (multimedia, vision and human computer interaction labs, geology, and statistics).

3. Computer Hardware Lab: $50,000  
   Utilizing CISCO kits to develop networking skills that could result in a CCNA certification.

4. Tech Lounge: $75,000  
   Designed for group or individual study with glass walls, comfortable seating, and large wall-mounted displays for group work.

5. Dr. Willard F. Stanley Museum Named Endowment: $100,000  
   A named endowment in support of the Dr. Willard F. Stanley Museum, and the outstanding natural science collection, used extensively by University Departments throughout the campus, and open to schools and the public.

6. Conference Room: $25,000

7. Robotics Lab: $50,000  
   A space for students to create autonomous robots.

8. Student Lounge: $25,000  
   Intimate student study space with writing boards.

9. Gavin Balcony  
   A key architectural feature of the building with its vaulted roof and views into the Science Courtyard and Science Quad, the Science Balcony opens from the Aerie. Donated by Nicole C. and Claire A. Gavin in memory of Dr. Peter F. Gavin, ’92.

10. Molecular Biology Research Suite: $40,000  
    Research in the lab focuses on bacteria and their roles in different ecosystems. Students collaborate with faculty on research projects using molecular approaches to answer questions relating to environmental microorganisms.

11. Microbiology Lab: $50,000  
    This laboratory, students are involved in the identification of microbes by colonial and microscopic features, biochemical properties and antibiotic sensitivities. Advanced labs include serological and immunological determinations which detect antigen-antibody interactions.

12. Physiology Research Lab: $25,000  
    This lab provides space for the Principles of Biology II (introductory cell and molecular lab course) and Biochemistry. Students work on the isolation and characterization of nucleic acids and proteins. This lab is designed to provide students with hands-on experiences learning techniques, and applications for research in the biochemical and molecular field.

13. Anatomy/Physiology Lab: $50,000  
    This teaching laboratory utilizes hardware/software that allows students to perform a comprehensive suite of physiological experiments, analyze resulting data and prepare reports, greatly enhancing their understanding and learning of complex systems. Additionally, the lab is set up to allow for traditional and computer-enhanced anatomical investigations, and incorporates a video feed from the instructor bench to monitors on the student benches, allowing the instructor to demonstrate features much more effectively.

14. Flight Deck: $25,000  
   This teaching laboratory utilizes a suite of physiological experiments, analyze resulting data and prepare reports, greatly enhancing their understanding and learning of complex systems. Additionally, the lab is set up to allow for traditional and computer-enhanced anatomical investigations, and incorporates a video feed from the instructor bench to monitors on the student benches, allowing the instructor to demonstrate features much more effectively.

15. Conference Room: $25,000  
   This suite provides space for joint student/faculty research programs in developmental genetics, signal transduction, and molecular biology. It features multiple microscope workstations, an anesthetic delivery system, cryostat sectioning for histology, and equipment for DNA amplification and analysis. Functional adjacencies include the Molecular Imaging Suite and Genetics Teaching Laboratory.

16. Good Family Molecular Imaging Suite  
   This space provides state-of-the-art technology for courses and research in genetics, molecular biology, and cell biology. Instrumentation includes a confocal laser scanning microscope as well as epifluorescent microscopy for detailed examination of cell and subcellular structure. Donated by Deborah J. Good.

17. Penicillin Research Laboratory: Donated by Dr. Diane Penicillin. In honor of Momma and Frank Penicillin.

18. Genomics Lab: $50,000  
   This lab provides space for classical and advanced molecular genetics courses. State-of-the-art instrumentation for microscopy, DNA amplification, and molecular biology to facilitate inquiry-based learning. Computer and microscope projection capabilities allow for dynamic and interactive presentations. Seating is designed for lab, group and lecture activities.

19. Marletta Conference Room  
   Donated by Dr. Michael Marletta ’73.

20. Biochemistry and Principles II Lab: $50,000  
    This lab provides space for the Principles of Biology II (introductory cell and molecular lab course) and Biochemistry. Students work on the isolation and characterization of nucleic acids and proteins. This lab is designed to provide students with hands-on experiences learning techniques, and applications for research in the biochemical and molecular field.

21. Anatomy/Physiology Lab: $50,000  
    This teaching laboratory utilizes hardware/software that allows students to perform a comprehensive suite of physiological experiments, analyze resulting data and prepare reports, greatly enhancing their understanding and learning of complex systems. Additionally, the lab is set up to allow for traditional and computer-enhanced anatomical investigations, and incorporates a video feed from the instructor bench to monitors on the student benches, allowing the instructor to demonstrate features much more effectively.

22. Computer and Information Science (CIS) Faculty Offices: $10,000

23. Administrative Suite: $30,000  
   Houses the Department Chairs, secretaries, files, and copier. Intended to be the hub where “intellectual collisions” occur between faculty members.

24. Yudenfreund-Sujka Biology Chair Office  
   Donated by Dr. Shari Yudenfreund-Sujka ’75. In honor of Drs. Kevin Fox and Allen Benton.

25. Director, Pre-Health Professions: $7,500

26. Chair, Chemistry and Biochemistry: $10,000

27. Director, Science Education Partnership: $7,500

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Release date: 2/25/2020, v11

STUDY ALCOVES:

A1. Fox Study Alcove  
   Donated by the Fox Family. In honor of Dr. Kevin A. Fox, Distinguished Teaching Professor.

A2. Prusak Study Alcove  
   Donated by Nancy E. Prusak in Memory of Mark P. Prusak, '75 Biology.

A3. Mondery Study Alcove  
   Donated by David, '06 and Michelle Swackhammer, '10, '12 Mondery.

FACULTY OFFICES:

F1-F10: $10,000 each  
Faculty office are paired behind study alcoves and placed between teaching and research labs.

P1-P37: Computer and Information Science (CIS) Faculty Offices: $10,000

MAIN OFFICES:

221A) Administrative Suite: $30,000  
   Houses the Department Chairs, secretaries, files, and copier. Intended to be the hub where “intellectual collisions” occur between faculty members.

221B) Director, Pre-Health Professions: $7,500

221C) Chair, Chemistry and Biochemistry: $10,000

221D) Director, Science Education Partnership: $7,500
Fredonia Science Center Complex

Science Center and Houghton Hall

Third Floor Naming Opportunities

310) Biochemistry Research Suite: $40,000
Research in the biochemistry research suite focuses on the structure of biological macromolecules. High-Performance Liquid Chromatography (HPLC) equipment for purification and UV-Vis and fluorescence spectrometers are used to characterize the structure of both small and large biological macromolecules. The suite also has several molecular modeling workstations that enable faculty and students to determine the structure of biological macromolecules from NMR data and study ligand binding to nucleic acids and proteins. Collaborative projects are ongoing with research groups at the University at Buffalo and Scripps Research Institute.

311) Analytical Instrument Room: $100,000
Contains the LCMS, Maldi-TOF Mass Spectrometer, Fluorescence spectrometer, and Biospectrometer for nucleic acid analysis.

312) Janik X-Ray Diffractometer Lab: $25,000
This space is dedicated to High-Performance Gas Chromatography (HPGC), gas chromatography (GC), mass spectrometry and x-ray diffraction experiments. Donated by Dr. Christopher, ’93 and Mrs. Cathy Cahill. In honor of Dr. Thomas S. Janik.

313) Kummer Spectroscopic Instrument Room: $100,000
This lab contains infrared and ultraviolet/visible spectrometers for the identification and quantification of chemicals. Donated by his former students in honor of Dr. Philip Kummer.

314) Synthetic Research Suite: $40,000
Students and faculty collaborate to synthesize and characterize novel inorganic, organometallic and organic molecules. Advanced air-sensitive technique are required for some of the syntheses and traditional separation procedures aid in product purification. New molecules are characterized by spectroscopic and x-ray diffraction studies.

315) Analytical/Physical Lab: $50,000
The Analytical Laboratory Courses rely heavily on the use of analytical instrumentation for the quantification, characterization and identification of chemical species; students get extensive experience utilizing chemical instrumentation. In the Physical Chemistry Laboratory course students engage in experiments that apply the laws of kinetics, thermodynamics, quantum mechanics and statistical thermodynamics to chemical systems.

316) Inorganic/Advanced Experimental Biochemistry: $50,000
This laboratory is outfitted with the capability to perform inert-atmosphere inorganic and organometallic syntheses and analysis by spectral, solid-state and electrochemical methods. State of the art biochemical and molecular techniques are taught in Advanced Experimental Biochemistry including techniques such as polymerase chain reaction, oligonucleotide synthesis and gel electrophoresis.

317) Natural Products Research Lab: $25,000
Research students are engaged in the isolation, purification and analysis of air and waterborne, semi-volatile organic and inorganic pollutants found in the Great Lakes area. Components, such as nitrate, sulfate, polyaromatic hydrocarbons (PAHs), PCBs, dioxins, and mercury are detected by Gas Chromatography Mass Spectrometry (GC-MS). This work is funded by NYSERDA and the EPA and is done in collaboration with researchers at Clarkson University and SUNY Oswego.

318) Research Lab: $25,000

STUDY ALCOVES:
A4-A6: $5,000 each
In front of each office pair, alcove spaces for studying are furnished with benches and writing boards, allowing for informal teaching.

A1) Roth Family Study Alcove
Donated by the Roth Family

A2) Lawson Study Alcove
Donated by Drs. Holly and Jerry Lawson-Kaister. In honor of Eleanor and William Lawson

A3) Secker Study Alcove
Donated by Dr. Christopher and Cathy Cahill in memory of Robert Secker (Class of 1993).

FACULTY OFFICES:
P1-F12: $10,000 each
Faculty office are paired behind study alcoves and placed between teaching and research labs.

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SCIENCE CENTER BASMENT
010) Seminar Room: $25,000
A “smart” classroom which is suitable for all teaching styles.

011) Optics Lab: $30,000
where students get an introduction to geometrical, physical, and modern optics.

SCIENCE CENTER ROOF
R1) Observatory: $100,000
Open to campus and the community, the Observatory shelters our cutting-edge telescope.

R2) Telescope: $30,000
The showcase of the Observatory is our new telescope with state-of-the-art optics and mechanics, automatic tracking and, remote access.

Houghton Hall Basement

HOUGHTON BASEMENT
H010) Modern Physics Lab: $30,000
where students learn special relativity, wave motion, basic concepts of quantum mechanics, atomic structure, solid state, and nuclear physics.

H011) Optics Lab: $30,000
where students get an introduction to geometrical, physical, and modern optics.

021) Atomic and Molecular Spectroscopy Lab: $30,000
This state-of-the-art facility houses an ion source, used to create a fast atomic or molecular beam, along with an infra-red CO$_2$ laser and a microwave excitation region in order to perform precision spectroscopy which investigates fundamental properties of atomic and molecular structures.

025) Nuclear Magnetic Resonance (NMR) Room: $50,000
The 500MHz research nuclear magnetic resonance spectrometer is used to support synthetic, analytical and biochemical research programs.

Science Center Basement

Science Center Roof

Science Center and Houghton Hall
Basement and Roof Naming Opportunities

SCIENCE CENTER BASEMENT
012) Classroom: $35,000
A “smart” classroom which is suitable for all teaching styles.

017) Exercise Science Laboratory: $75,000

023) Atomic and Molecular Spectroscopy Lab: $30,000
This state-of-the-art facility houses an ion source, used to create a fast atomic or molecular beam, along with an infra-red CO$_2$ laser and a microwave excitation region in order to perform precision spectroscopy which investigates fundamental properties of atomic and molecular structures.

025) Nuclear Magnetic Resonance (NMR) Room: $50,000
The 500MHz research nuclear magnetic resonance spectrometer is used to support synthetic, analytical and biochemical research programs.