**INFO FOR NAVY JOINT PROGRAM STUDENTS**

Military Housing Options

1. Woods Hole

United States Coast Guard Air Station – Cape Cod, MA

Home page: <http://www.uscg.mil/d1/airstacapecod/>

Housing: <http://www.uscg.mil/BaseCapeCod/services/housing/housing.asp>

1. MIT

Hanscom Air Force Base – MA

Home page: http://www.hanscom.af.mil/

Housing - <http://www.housing.af.mil/hanscom/>

1. Civilian Housing
   1. WHOI Housing Website: <http://www.whoi.edu/main/community-housing>
   2. Contact current Navy students for real estate agent recommendations in the Cambridge area

Medical Options for TRICARE PRIME and service members

1. Woods Hole

United States Coast Guard Air Station – Cape Cod, MA

Kaehler Memorial Clinic (KMC) - <http://www.uscg.mil/BaseCapeCod/medical/kaehler_clinic.asp>

(includes both medical and dental services)

\*\*\* As of April 2017, this option is not available for Navy personnel due to the lack of availability of an Air Force doctor at the clinic to attend to the Navy personnel. \*\*\*

For Tricare Prime members, must enroll in Tricare Prime Remote (TPR) for both your Primary Care Manager and Dentist. Information can be found at the following link: https://tricare.mil/~/media/Files/TRICARE/Publications/FactSheets/TPR\_FS.pdf

1. MIT

Hanscom Air Force Base – MA

66th Medical Squadron - <http://www.hanscom.af.mil/units/clinic/>

(For scheduling PHAs, call the Family health clinic vice trying to schedule on the Tricare website).

Recommended Pediatrician: Dr. Courtney Arrington (Civilian)

Study Prep Recommendations

Use the summer of your first year to prepare for the academic rigors of MIT and refresh a lot of your undergraduate studies. Below are my recommendations of topics to study (and some recommended resources) in order of priority. Additionally, attached are the electronic copies of the JP Math Refresher course from the summer of 2015 to aid your study.

1. Calculus and vector calculus (e.g. gradients, divergence, line integrals, circle integrals)
2. Linear Algebra – **Very important if you did not have an undergraduate course in Linear Algebra**

# Text: *Introduction to Linear Algebra (Cloth) - 4th edition*, by Gilbert Strang,

# ISBN 13:978-098023714

MIT Open Courseware website: <http://ocw.mit.edu/courses/mathematics/18-06-linear-algebra-spring-2010/>

(This website has an entire semester’s worth of lectures, practice problems, exams, and solutions, and it is a great resource to learn linear algebra by self-study)

1. Programming

A very important skill to develop is the computer programming skills. If you do not have a familiarity with any programming language, concentrate on MATLAB, C++, or python. As a MIT student, you get MATLAB at no cost and can begin using it during the summer before the Fall Semester.

Below are some recommended resources for the programming languages:

MATLAB:

OCW website: <http://ocw.mit.edu/courses/electrical-engineering-and-computer-science/6-094-introduction-to-matlab-january-iap-2010/>

Python:

OCW webstie: <http://ocw.mit.edu/courses/electrical-engineering-and-computer-science/6-189-a-gentle-introduction-to-programming-using-python-january-iap-2011/>

C++:

OCW website: <http://ocw.mit.edu/courses/electrical-engineering-and-computer-science/6-096-introduction-to-c-january-iap-2011/>

Book: *Practical C++ Programming, 2nd Ed,* ISBN: 978-596-00419-4

1. Complex Numbers

Book: Schaum’s Outline of Complex Variables, 2nd Edition, ISBN-13: 978-0071615693

The MIT/WHOI Joint Program website (<http://mit.whoi.edu/>) has a ton of information (transportation options between MIT and WHOI, housing, administration, etc.)

If there are any other questions, please contact the MIT-WHOI Joint Program at [mit-whoi-www@mit.edu](mailto:mit-whoi-www@mit.edu) and ask for contact information of current Navy students to help with your transition to the Joint Program.

Navy Requirements for Joint Program

As a JP student, you are “Duty Under Instruction (DUIN) as part of the Navy’s Civilian Institution Program (CIVINS) which is headed by NPS. There are a few requirements and instructions that you should be aware of, especially the requirements of the Education Plan (EP).

Here are some quick links to the necessary instructions and requirements:

NPS CIVINS website: <http://my.nps.edu/web/civins>

NPS CIVINS Welcome Aboard Letter: <http://my.nps.edu/documents/103400012/108027973/Welcome+Aboard+Letter+for+website.pdf/64b4f868-6c66-48c9-8243-da0f5a9f43e4>

NPS CIVINS Student Information: <http://my.nps.edu/web/civins/student-information>

NPSINST 1520.1K Instruction – governing instruction for CIVINS: <http://my.nps.edu/documents/103400012/108027973/NPSINST_15201K.pdf/ac1546f1-379a-4236-a60f-7b7b5fd670cb>

MIT/WHOI Department Academic Requirements

As a JP Student, you are assigned to a department at MIT and a department at WHOI. It is important to understand the academic requirements of your MIT department and of the Joint Program. The Education Coordinator in the respective WHOI department is a great resource to help you and your advisor through the necessary requirements to ensure you graduate on time.

WHOI Education Coordinators:

AOPE: Andone Lavery – [alavery@whoi.edu](mailto:alavery@whoi.edu) 508-289-2345/6070

PO: Claudia Cenedese – [ccenedese@whoi.edu](mailto:ccenedese@whoi.edu) 508-289/2696

WHOI Academic Handbooks: <http://mit.whoi.edu/handbooks> These handbooks will reference you the respective MIT handbooks that are required by your department.

Contact Information and Student Resources

A current list of MIT/WHOI Joint Program Administration and Support: <http://mit.whoi.edu/administration>

Joint Program Curriculum Committees (JCAOSE and JCPO) (scroll to bottom)

The joint committees provide academic governance, advice, guidance, etc.

<http://mit.whoi.edu/page.do?pid=34583>

Graduate Student Support Resources

<http://mit.whoi.edu/services-resources?tid=282&cid=220269>

Resources for Grad Families

<http://odge.mit.edu/community/resources-for-grad-families/>

MIT’s Office of the Dean for Graduate Education

<http://odge.mit.edu/>

Personal Support and Wellness at MIT

<http://web.mit.edu/Student/personal_support.html>

WHOI-based Student Resources

<http://mit.whoi.edu/services-resources?tid=1423&cid=187569>