



DEPARTMENT OF DEFENSE
6000 DEFENSE PENTAGON
WASHINGTON, DC 20301-6000

CHIEF INFORMATION OFFICER

NOV 14 2008

MEMORANDUM FOR SECRETARIES OF THE MILITARY DEPARTMENTS
CHAIRMAN OF THE JOINT CHIEFS OF STAFF
UNDER SECRETARIES OF DEFENSE
ASSISTANT SECRETARIES OF DEFENSE
GENERAL COUNSEL OF THE DEPARTMENT OF
DEFENSE
DIRECTOR, OPERATIONAL TEST AND EVALUATION
INSPECTOR GENERAL OF THE DEPARTMENT OF
DEFENSE
ASSISTANTS TO THE SECRETARY OF DEFENSE
DIRECTOR, ADMINISTRATION AND MANAGEMENT
DIRECTOR, PROGRAM ANALYSIS AND EVALUATION
DIRECTOR, NET ASSESSMENT
DIRECTORS OF THE DEFENSE AGENCIES
DIRECTORS OF THE DOD FIELD ACTIVITIES

SUBJECT: DoD Information Assurance Scholarship Program Opportunities

The Information Assurance Scholarship Program (IASP) authorized by Chapter 112, title 10, United States Code, is designed to assist in recruiting and retaining highly qualified personnel in the field of Information Assurance (IA) to meet DoD's information technology requirements for warfighting and the security of our information infrastructure. The IASP supports Component workforce and succession planning by providing recruitment capabilities for new employees and professional development opportunities for current employees who support DoD's critical IA/IT management and infrastructure protection functions.

The IASP recruitment program provides scholarship funding to current students (non-DoD individuals) studying at select Centers of Academic Excellence in IA Education throughout the United States. Scholarships are awarded to rising juniors and seniors to complete their bachelor's degree, or to graduate students to begin or complete a master's or PhD program, in exchange for a service commitment to the Department following graduation. Participating Components take part in the student selection process, evaluating scholarship application packages and selecting scholarship recipients to work for their organization as service payback fulfillment upon graduation. Procedures for Component participation in the recruitment program are contained in Attachment 1. In order to participate, Components must identify billets for future hiring requirements no later than January 31, 2009. The billets would be for internships to

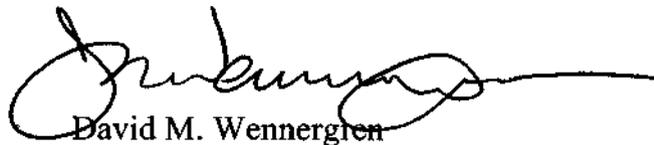


begin May 2010 and for new hires to begin May 2010 or later. This is an ideal program to bring Net Generation talent into the DoD IA/IT workforce.

The IASP retention program enables current DoD civilian and military members to attend school either full or part-time to earn graduate level degrees. Master's and doctoral degree programs are available through the Air Force Institute of Technology at Wright-Patterson AFB, Ohio; the Information Resources Management College of the National Defense University in Washington, DC, in cooperation with 27 IASP Partner Universities across the country; and the Naval Postgraduate School in Monterey, California. Students selected for the program receive scholarships for tuition and required books and fees in exchange for service payback. Nomination procedures are contained in Attachment 2. Component prioritized requirements are due no later than January 31, 2009. Scholarship recipients will begin their course of study in Summer 2009 or Winter 2010.

Through the IASP, Components may target specific skill requirements for their organization. Disciplines and programs of study supported under the IASP include Information Assurance, Computer and Computer Information Science, Computer Engineering, Biometrics, Computer Crime Investigation, Digital and Multimedia Forensics, Cyber Operations, Software Engineering, Computer Programming, Database Administration, Data Management, Network Management, Computer Systems Analysis, Electrical or Electronics Engineering, Mathematics and Business Administration. Every degree program offered has an IA emphasis.

If you have exceptional employees eligible for the retention program, or are interested in recruiting outstanding future employees for your organization, and need additional information, please contact the National Security Agency Executive Administrator for the IASP at askiasp@nsa.gov or Ms. Sandra Smith, Office of the DoD Chief Information Officer (CIO), CIO Management Services at (703) 604-1489, ext 176; DSN 334-1489, ext 176; or sandra.smith@osd.mil.



David M. Wennergren
DoD Deputy Chief Information Officer

Attachments:
As stated

IASP Recruitment Program
Guidelines for DoD Component Recruitment Opportunities for
May 2010 or 2011

Introduction. The Information Assurance Scholarship Program (IASP) authorized by Chapter 112, title 10, United States Code, is designed to increase the number of qualified personnel entering and remaining in the field of Information Assurance (IA) to meet DoD's information technology requirements for warfighting and the security of our information infrastructure. For purposes of this program, the term Information Assurance encompasses the scientific, technical, and management activities that ensure computer and network security, such as:

- Systems/network administration and operation
- Systems security engineering
- Information assurance systems and product acquisition
- Cryptography
- Threat and vulnerability assessment (includes risk management)
- Web security
- Computer emergency response team operations
- Information assurance training, education and management
- Computer forensics
- Defensive information operations
- Critical information infrastructure assurance

Academic Disciplines. Relevant academic disciplines, with concentrations in Information Assurance, include, but are not limited to: Biometrics, Business Management or Administration, Computer Crime Investigation, Computer Engineering, Computer Information Science, Computer Network Operations, Computer Programming, Computer Science, Computer Systems Analysis, Data Base Administration, Data Management, Digital and Multimedia Forensics, Electrical and Electronics Engineering, Information Security (Assurance), Mathematics, Network Management, Operations Research, and Software Engineering.

Recruitment Proposal Solicitation. The annual request for proposals is issued to the NSA designated National Centers of Academic Excellence in Information Assurance Education and the National Centers of Academic Excellence in Research (herein after referred to as CAEs) by the National Security Agency (the DoD IASP Executive Administrator) each November for participation in the DoD IASP. Rising junior, senior, and/or graduate students accepted at, or enrolled in,

one of the CAEs may apply for full scholarships to complete a bachelor's, master's, or doctoral degree, or graduate (post-baccalaureate) certificate program in a relevant IA/IT discipline. Student application requirements are included in the solicitation proposal released by NSA and all proposals are due to NSA by February 28th each year. IASP grants may be awarded to CAEs to cover recruitment and retention scholarships and capacity building. Scholarship recipients are selected by the individual Components who agree to hire/place the students within their organization upon graduation.

Component Participation. DoD Components must forward notification of their intention to participate in the IASP recruitment program to the DoD IASP Executive Administrator by January 31st of each year to:

DoD Information Assurance Scholarship Program
National Information Assurance Education and Training Program (NIETP)
National Security Agency
Attn: I924, Suite 6722
9800 Savage Road
Fort George G. Meade, MD 20755-6722
Phone: 410-854-6206

Notification must include the name, phone number, email address, and mailing address of the DoD Component Office of Primary Responsibility/designated key point of contact. The key point of contact has the following responsibilities:

- Assessing Component skill requirements and providing the annual recruitment student requirement to the DoD IASP Executive Administrator.
- Coordinating with human resources/recruitment offices to confirm DoD Component hiring abilities.
- Identifying technical DoD Component personnel who will review scholarship applicant credentials.
- Coordinating and distributing scholarship applicant review documents.
- Completing required documentation during the student review process.

Questions regarding Component participation in the IASP recruitment program may be addressed to askiasp@nsa.gov.

Student Selection Process. The DoD IASP Executive Administrator provides each participating Component with a summary listing of annual recruitment

applicants. The summary listing includes each student's academic major, GPA, projected degree and final graduation date; comments on the student's knowledge, skills, and attributes; and the CAE assessment rating. In addition, participating Components are provided with a complete applicant package for each student who has been rated as "highly recommended" by the nominating CAE. Packets are provided to participating Components by March 31st annually. The final student selection process occurs in late April.

Scholarship Recipient Notification. Student notifications are issued no later than the first week in May. The DoD IASP Executive Administrator will notify students of the Component selection through their respective university.

Student Acceptance. Students are required to sign a participation agreement by May 31st. Once the signed student agreements have been received by the DoD IASP Executive Administrator, copies will be provided to the appropriate sponsoring Component and the security / hiring process should commence.

Student Hiring. The student hiring process begins as soon as the Component receives a copy of the student participation agreement, signed by the student, from the DoD IASP Executive Administrator. The DoD Components shall:

- Establish contact with students and their school's primary point of contact, also known as principal investigators
- Provide students with required hiring forms and procedures.
- Initiate security clearances within 90 days of a student's acceptance into the scholarship program.
- Assign mentors to recruitment students.
- Notify the DoD IASP Executive Administrator regarding any delays or impediments to the hiring process.

Internships. Recruitment students also may be required to complete a student internship, depending on the length of their individual scholarship. Components may use the authority granted in section 213.3102(r) of title 5, Code of Federal Regulations, to arrange the internship. Internships should provide relevant professional development opportunities for the IASP students.

Scholarship Quotas. *No quotas are designated.* The actual number of scholarships available will be contingent on the total number of eligible applicants, individual Component requirements and available funding. Components may

request as many scholarship recipients as desired, but are responsible for the ultimate placement of those selected. Typically, 25 to 30 new recruitment scholarships are awarded each academic year.

Program Costs. Recruitment students are provided scholarships, covering the full cost of tuition and selected books and fees. Students are also provided a stipend to cover room and board expenses.

Scholarship Recipient Obligations. All recruitment students incur a service commitment which commences after the award of the IASP authorized degree on a date to be determined by the sponsoring DoD Component. The obligated service in DoD shall be as a civilian employee of the Department or as an active duty enlisted member or officer in one of the Military Services.

- Individuals selecting employment in the civil service shall incur a service obligation of one year of service to the Department upon graduation for each year or partial year of scholarship they receive, in addition to an internship, if applicable.
- Individuals enlisting or accepting a commission to serve on active duty in one of the Military Services shall incur a service obligation of a minimum of 4 years on active duty in that Service upon graduation. The Military Services may establish a service obligation longer than 4 years, depending on the occupational specialty and type of enlistment or commissioning program selected.

Quarterly Student Status Reporting. The DoD Components participating in the IASP recruitment program shall frequently communicate with their recruitment students and provide a quarterly update to the DoD IASP Executive Administrator on their students' status.

IASP Retention Program
Guidelines for DoD Civilian and Military Personnel Academic Opportunities
for Calendar Years 2009 and 2010

Introduction. The Information Assurance Scholarship Program (IASP) authorized by Chapter 112, title 10, United States Code, is designed to increase the number of qualified personnel entering and remaining in the field of Information Assurance (IA) to meet DoD's information technology requirements for warfighting and the security of our information infrastructure. For purposes of this program, the term Information Assurance encompasses the scientific, technical, and management activities that ensure computer and network security, such as:

- Systems/network administration and operation
- Systems security engineering
- Information assurance systems and product acquisition
- Cryptography
- Threat and vulnerability assessment (includes risk management)
- Web security
- Computer emergency response team operations
- Information assurance training, education and management
- Computer forensics
- Defensive information operations
- Critical information infrastructure assurance

Academic Disciplines. Relevant academic disciplines, with concentrations in Information Assurance, include, but are not limited to: Biometrics, Business Management or Administration, Computer Crime Investigation, Computer Engineering, Computer Information Science, Computer Network Operations, Computer Programming, Computer Science, Computer Systems Analysis, Data Base Administration, Data Management, Digital and Multimedia Forensics, Electrical and Electronics Engineering, Information Security (Assurance), Mathematics, Network Management, Operations Research, and Software Engineering.

Eligibility Requirements. Active duty military members and permanent DoD civilian employees are eligible to apply. Nominated personnel shall be high performing employees who are rated at the higher levels of the applicable performance appraisal system and demonstrate sustained quality performance with the potential for increased responsibilities. Scholarship applicants must meet all requirements for acceptance to the specific university/institution they plan to attend. All eligibility criteria, especially academic credentials should be carefully reviewed as IASP requirements may be more stringent than general academic enrollment criteria for a particular university.

Participating Institutions. The institutions offering full-time academic programs leading to a master's or doctoral degree are the Air Force Institute of Technology (AFIT), the Information Resources Management College (IRMC) of the National Defense University (NDU) in cooperation with IRMC's IASP partner universities, and the Naval Postgraduate School (NPS).

Part-time academic programs leading to a master's degree are available only through IRMC and selected partnering institutions. Attendance at IRMC is typically full-time through its Advanced Management Program, however, current part-time students at IRMC who already have completed 7 or more classes towards a qualified certificate program, may apply for the scholarship program. IRMC students who graduate from the required programs may complete their degree part-time at one of the applicable partnering institutions.

Academic Semester Dates. Each school (AFIT, IRMC and NPS) offers two potential start dates for students:

- **AFIT:** August 2009 or January 2010
- **IRMC + Partner University:** September 2009 or January 2010
- **NPS:** July 2009 or January 2010

Scholarship Quotas. *No quotas are designated.* The actual number of scholarships available will be contingent on the total number of eligible applicants and available funding. Components may nominate as many military and/or civilians as they would like; however, all nominations must go through the correct chain of command to the Component Office of Primary Responsibility (OPR) for administering the IASP. To allow equitable distribution of quotas among requesting organizations, the OPR shall ensure all nominations fulfill specific personnel development requirements for both the individual nominee and the nominating organization. The OPR must also prioritize the requested scholarship recipients.

Program Costs. The cost of tuition, required fees and books at AFIT, IRMC and IRMC's partnering institutions, and NPS will be covered by the program. Students will continue to receive their military pay or civilian salaries from their Component throughout their course of study. Components are also responsible for all travel costs and any necessary position back-fill for individuals selected for the program.

Obligations. Students are obligated to maintain good standing in their degree programs, to continue in service as civilian employees or military members, and where applicable, to repay program costs for failure to complete the degree program satisfactorily or to fulfill the service commitment consistent with 10 U.S.C. 2200a (b)(2) and (3) and the policies of the Department and the respective Component.

- Members of the Military Services shall serve on active duty while fulfilling designated DoD Component service obligations.
- DoD civilian employees shall sign a continued service agreement that complies with 10 U.S.C. 2200, prior to commencement of their education, to continue service within the Department of Defense upon conclusion of their education, for a period equal to three times the length of the education period.

Selected students also may be required to sign a Student Code of Conduct Agreement, a Family Educational Rights and Privacy Act (FERPA) waiver required for release of transcripts, a DD-1556 (Request, Authorization, Agreement, Certification of Training and Reimbursement) and other additional agreement forms.

Air Force Institute of Technology (AFIT)

The AFIT offers Master of Science degrees with majors in IA, Information Resources Management (IRM), Electrical Engineering, Computer Engineering and Computer Science. The IA major provides an in-depth study of the defensive and offensive theory, tools, and techniques associated with protection and exploitation of information-based systems. The other majors stated above allow for specialization in IA through a subset of courses from the IA degree program. All degree participants completing the IA specialization will receive NSTISSI 4011 and CNSSI 4012 certificates. More detailed information about the IA program can be found at <http://en.afit.edu/ciser/>. Doctoral degree opportunities in Electrical Engineering, Computer Engineering or Computer Science are also available.

MS in IA, IRM, Electrical Engineering, Computer Engineering and Computer Science:

- Full-time, in-residence only.
- Requires 18 months for completion; an individual student's program may be extended if prerequisite knowledge is needed.
- All MS degree students must complete thesis research and a written thesis.

PhD in Computer Science:

- Full-time, in-residence only.
- Requires three years to complete; an individual student's program may be extended if prerequisite knowledge is needed.
- All PhD students must complete a doctoral dissertation.

AFIT Requirements. Listed below are the minimum eligibility requirements for participation in the IASP through AFIT. These requirements will not be waived.

- Civilian and military applicants may be of any grade.
- Applicants pursuing a master's degree must have an appropriate bachelor's degree with a minimum 3.0 GPA. Applicants pursuing a doctorate must have an appropriate master's degree and a 3.5 GPA.
- Required GRE scores for all degree applicants: 550 verbal/650 quantitative.
- The minimum security clearance is Secret (or students must be eligible to apply for Secret clearance upon acceptance).

Questions concerning AFIT programs should be addressed to either Dr. Rick Raines at Comm: (937) 255-6565, ext 4278; DSN 785-6565, ext 4278; or via email at richard.raines@afit.edu; or Mrs. Stacey Johnston at Comm: (937) 255-3636, ext 4602; DSN 785-3636, ext 4602; or via email at stacey.johnston@afit.edu.

Information Resources Management College of the National Defense University

The scholarship program, as conducted by IRMC, focuses on DoD civilian employees and military officers who wish to pursue a full-time or part-time master's degree or a full-time doctorate in an IA discipline. Applicants are nominated to enter the program beginning in September 2009 or January 2010. Selected students will complete the first part of their degree through IRMC and then enter a partner university to complete the remaining degree requirements.

- Full-time students complete the CIO certificate and 4011 certificate requirements through the Advanced Management Program, a 14-week resident program at the Ft. McNair, Washington DC, campus.
- Part-time IRMC students may apply for IASP after they have completed 7 or more courses required for completion of their designated IRMC certificate.

Nominees may also include candidates who have earned the IRMC CIO and IA certificates in FY05 or later. Further specifics on the IRMC CIO and IA programs may be found at www.ndu.edu/irmc.

Student Code of Conduct Agreements/Orientation. All students participating in IRMC's IASP program must sign a student agreement regarding their expected behavior as a graduate student. Full-time students are required to sign this agreement prior to starting classes at IRMC. Part-time students will sign the agreement upon entering the IASP program either at the start of their 8th or 9th course. In addition, graduating IASP students will be required to attend a student development session before transitioning to their selected partner university.

Partner Universities. Upon successful completion of the IRMC requirements, students will continue their studies at a partner university to complete their master's degree or doctorate. Full-time doctoral students will complete most requirements in residence; full-time or part-time master's students may complete their degrees in residence or through distributed learning. Availability of distributed learning courses and part-time programs vary by partner university.

Students entering partner universities will receive 9, 12, **or** 15 transfer credits toward completion of their advanced degrees, dependent on the selected university. A list of IRMC partner universities and degree programs is contained in Appendix A. The degree the student earns varies by institution, but each degree includes an IA focus. Other degree programs offered at the partner university, but not listed in Appendix A, are not eligible under the IASP. Newly added partner universities and modifications to current degree programs may be found at www.ndu.edu/irmc.

IRMC Requirements. Listed below are the minimum eligibility requirements for participation in the IASP through IRMC and designated partner universities. These requirements will not be waived.

- Civilian applicants must be a permanent GS/GM-12 or above (or equivalent). Active duty military applicants must be an O-4 or above.
- IRMC requires that master's degree applicants have a bachelor's degree with a minimum grade point average (GPA) of 3.0 out of 4.0, or equivalent; PhD applicants must have a master's degree with an attained GPA of 3.2 out of 4.0, or equivalent. All degrees must be from regionally accredited colleges/universities.
- Applicants will be required to have already taken the Graduate Record Examination (GRE) or Graduate Management Admission Test (GMAT), or equivalent, if required by the participating partner university. Additionally, partner universities may require a higher grade point average and/or prerequisite courses.
- All applicants must possess at least a Secret clearance.

Questions concerning IRMC programs and those of its partnering institutions should be addressed to Ms. Mary Polydys at Comm: (202) 685-3889, DSN 325-3889 or via email at polydysm@ndu.edu.

Naval Postgraduate School (NPS)

Classes at the Naval Postgraduate School begin July 2009 or January 2010.

Applicants may apply for either the Master of Science (MS) degree or PhD in Computer Science. Enlisted service members may apply for the MS program only.

All students in the NPS program will receive, upon successful completion of the required courses, NSTISSI 4011 and 4015, and CNSSI 4012-4014 certificates as part of their education program. Details of the IA program at NPS are available at <http://cisr.nps.edu/>.

MS in Computer Science:

- Full-time, in-residence only.
- Requires 7 to 8 academic quarters to complete, which corresponds to a 2-year program.
- All MS degree students must submit quarterly transcripts/progress reports, complete thesis research and write a thesis.

PhD in Computer Science:

- Full-time, in-residence only.
- Requires three years to complete.
- All PhD students must submit quarterly transcripts/progress reports, and complete both written and oral qualifying examinations as specified by the Computer Science Department. Upon completion of required examinations, students complete dissertation research.
- Students must successfully defend their dissertation before a dissertation committee.

The NPS Department of Computer Science is described in more detail at www.nps.navy.mil/cs/.

NPS Requirements. Listed below are the minimum eligibility requirements for participation in the IASP through NPS. These requirements will not be waived.

- GS-9 grade level or higher (or equivalent); E-4 through E-9; WO-1 through WO-4; O-1 through O-6 or higher (typical student is an O-3).
- MS degree program: bachelor's degree with a minimum 3.0 GPA (on a 4.0 scale) or equivalent.
- PhD program requirements are determined individually based on universities attended, years since last degree, work-related accomplishments, and other factors.

Generally, NPS requires PhD candidates to be in the upper half of their MS program peers.

- A copy of GRE or GMAT scores.
- Students must have, or be eligible to apply for, a Secret clearance upon acceptance.

Questions regarding the NPS program should be addressed to Mrs. Valerie Linhoff at Comm: (831) 656-2726, DSN 756-2726 or via email at vlinhof@nps.edu.

Student Nomination Process for All IASP Options

All nomination packages must be unclassified and submitted through appropriate Component personnel channels for graduate education programs. Each package must include all applicant requirements. Incomplete packages will be rejected.

Applicant Requirements.

1. Applicant coversheet which must include the following information:
 - a. Applicant contact information
 - 1) Office mailing address
 - 2) Office email address
 - 3) Phone numbers (voice/fax)
 - b. Supervisor contact information
 - 1) Name
 - 2) Email address
 - 3) Phone numbers (voice/fax)
 - c. Component contact information
 - 1) Name
 - 2) Email address
 - 3) Phone numbers (voice/fax)
 - d. List of previous Colleges/Universities attended
 - 1) School name
 - 2) Degree
 - 3) GPA
 - e. Proposed University (IRMC + Partner University, NPS or AFIT). Applicants may provide up to three choices.
 - 1) Proposed degree program
 - 2) Proposed start date
 - 3) Proposed student status
 - a) All students attending AFIT are full-time
 - b) All students attending NPS are full-time
 - c) IRMC applicants must include requested IRMC student status (full-time or part-time) **and** requested Partner University student status (full-time or part-time)
2. Continued Service Agreement.
3. Standard military or civilian personnel resume.
4. Current SF 50 (DoD civilians only), dated within one month of the scholarship application.

5. Applicant's personal goals statement (4-6 double spaces pages; see Appendix B).
6. Recommendation from the individual's supervisor with the endorsement of the next level supervisor. (Recommendations and endorsements should highlight how the student's IA education will be used).
7. Copy of GRE or GMAT scores.
8. Unopened, sealed, official transcripts for all undergraduate and graduate work. (Transcripts from DoD schools must be included).
 - a. The IASP Program Office will provide official transcripts to AFIT, NPS or IRMC.
 - b. The IASP Program Office will not provide official transcripts to partner universities; it is the responsibility of the student to do so.
9. Copy of each transcript that reflects undergraduate and/or graduate coursework, as appropriate. (Transcripts from DoD schools must be included).
10. Documentation of the individual's security clearance.

Component Requirements.

1. Components must compile a **single** nomination package containing all proposed/approved applicant packages. Since no quotas have been allotted to the Components, it is important that applicant packages are provided in a prioritized, rank-order of preference, with alternate nominees listed as appropriate. The cover letter must clearly identify the following information:
 - a. Nominated applicants, listed in rank order of recommended selection
 - b. Full name of applicant
 - c. Proposed University (AFIT, IRMC + Partner University, or NPS) for each applicant
 - d. Proposed degree program for each applicant
 - e. Start date
 - f. Proposed student status
 - 1) AFIT students are full-time only
 - 2) NPS students are full-time only
 - 3) IRMC nominations must designate the following:
 - a) IRMC student status, full-time or part-time
 - b) Partner University student status, full-time or part-time

2. Component Contact Information

- a. Name(s)
- b. Work address
- c. Email address
- d. Phone numbers (voice/fax)

3. **One original and two copies** of each nomination and applicant package must be provided to:

DoD Information Assurance Scholarship Program
National Information Assurance Education and Training Program (NIETP)
National Security Agency
Attn: I924, Suite 6722
9800 Savage Road
Fort George G. Meade, MD 20755-6722
Phone: 410-854-6206

PLEASE NOTE THAT ONLY ONE APPLICANT PACKAGE REQUIRES ORIGINAL TRANSCRIPTS, HOWEVER, EACH ADDITIONAL PACKAGE SHOULD HAVE COPIED TRANSCRIPTS. ORIGINAL TRANSCRIPTS SHOULD NOT BE OPENED BY THE COMPONENTS.

4. Component nominations for all start dates are due by January 31, 2009.

General questions on the Information Assurance Scholarship Program and/or the nomination process should be addressed to the IASP Program Office via email at askiasp@nsa.gov.

Notification of Acceptance—All Schools

Based on funding, a determination on the number of scholarships to be awarded will be made by the Information Assurance Scholarship Program Steering Committee. Once this determination is made, a representative of the Committee will coordinate with the three DoD schools to determine final acceptance of applicants. Components will be formally notified of applicant acceptances by March 31, 2009. Applicants should contact their Components regarding acceptance into the IASP. The IASP Program Office will not notify applicants directly.

Appendix A to Attachment 2

IASP IRMC/Partner University Approved Degree Programs

Students entering IRMC partner universities will receive 9, 12, or 15 transfer credits toward completion of their advanced degrees, dependent on the selected university. The degree the student earns varies by institution, but each degree includes an IA focus. Other degrees offered at the partner university but not listed below are not eligible under the IASP. The below list is current, however, degree programs as subject to change. See www.ndu.edu/irmc for additional information on partner university programs.

Masters Programs

Auburn University

- Software Engineering (MSWE)

Capitol College

- Business Administration (MBA)
- Information Assurance (MSIA)
- Information and Telecommunications Systems Management (MS-ITSM)

East Carolina University

- Technology Systems (MS) with concentrations in:
 - Digital Communications
 - Computer Network Management
 - Information Security

George Mason University

- Telecommunications (MS in TCOM)
- Information Systems (MSIS)
- Software Engineering (MS-SWE)
- Information Security and Assurance (MS-ISA)

James Madison University

- Business Administration (MBA/IS) with Information Security focus
- Computer Science (MSCS/IS) with Information Security focus
- Computer Science (MS/SSE) with Secure Software Engineering focus

Johns Hopkins University

- Security Informatics (MSSI)

Mississippi State University

- Computer Science (MSCS) with an IA concentration
- Information Systems (MSIS) with an IA concentration
- Project Management (MBAPM) with an IA concentration

Northeastern University

- Professional Studies (MPS) in Informatics
- Information Assurance (MSIA)

Norwich University

- Information Assurance (MS)

Pace University

- Internet Technology (MS)
- Computer Science (MS)
- Information Systems (MS)

Polytechnic University

- Computer Science (MS)

Regis University

- Computer Information Technology (MSCIT)

Syracuse

- Information Management (MSIM)

Texas A&M University

- Computer Science (MS or M)
- Computer Engineering (MS or ME)
- Electrical Engineering (MS or ME)
- Management and Information Systems (MS)

University of Dallas

- Management in Information Assurance (MM)
- Information Assurance (MS or MBA)

University of Detroit Mercy

- Information Assurance (MS-IA)
- Computer and Information Systems (MS-CIS)

University of Illinois at Urbana-Champaign

- Computer Science (MCS or MS)
- Bioinformatics (MS)

University of Maryland Baltimore County

- Computer Science (MS in CS)

University of Maryland University College

- Information Technology (MS), IA Specialization

University of Nebraska, Omaha

- Information Systems (MS) with IA concentration

University of North Carolina at Charlotte

- Information Technology (MS) with a concentration in Information Security and Privacy

University of Pittsburgh

- Information Science in the Security Assured Information Track (MSIS-SAIS)
- Telecommunications and Networking in the Security Assured Information Track (MST-SAIS)

University of Texas, San Antonio

- Information Technology (MSIT) with an IA concentration

University of Tulsa

- Computer Science (MS) with IA concentration

University of Washington

- Strategic Planning for Critical Infrastructures (MSPCI)

Walsh College

- Information Assurance (MS)

PhD/Doctorate Programs

George Mason University

- Information Technology (PhD) with IA emphasis
- Computer Science (PhD) with IA emphasis

Mississippi State University

- Computer Science (PhD) with IA emphasis
- Information Systems (PhD – Business Administration) with IA emphasis

New Mexico Tech

- Computer Science (PhD) with IA emphasis

Texas A&M University

- Computer Science (PhD) with IA emphasis
- Computer Engineering (PhD) with IA emphasis
- Electrical Engineering (PhD) with IA emphasis

University of Maryland, Baltimore County

- Computer Science (PhD) (case-by-case basis) with IA emphasis

University of Maryland University College (pending MOU)

- Management (DM)

University of Tulsa

- Computer Science (PhD) (IA Track)
- Computer Science (PhD) (Interdisciplinary IA Track)

Appendix B to Attachment 2

Retention Program Applicant Personal Goals and Knowledge, Skills and Attributes (KSA) Statement

Complete a separate personal goals and KSA statement. The length should be 4 to 6 double-spaced pages. Describe how your professional and academic background makes you a suitable choice for the Information Assurance Scholarship Program. Explain why you chose the university and degree program listed on your applicant coversheet and how the program in particular would benefit you. Describe your desired career goals and how you believe the IASP will enable you to achieve these goals.

Areas to consider addressing in your personal goals statement:

- What are your most compelling reasons for becoming an IASP Scholar?
- How will this degree prepare you for your future career?
- How will your organization/service use your skills and expertise following your receipt of an advanced degree?
- What makes you a strong candidate for graduate school?
- Provide examples/demonstrate your effectiveness in your profession or field and assess your knowledge and ability in the following six competency areas:
 - Knowledge of the techniques of the information security discipline, including encryption, access control, physical security, training, threat analysis and authentication.
 - Knowledge of the human factors in information security, including human computer interaction, design, training, sabotage, human error prevention and identification, personal use policies and monitoring.
 - Ability to identify and analyze problems, distinguish between relevant and irrelevant information to make logical decisions, and provide solutions to individual and organizational problems.
 - Ability to consider and respond appropriately to the needs, feelings and capabilities of different people in different situations.
 - Ability to make clear and convincing oral presentations to individuals or groups; listen effectively and clarify information as needed; facilitate an open exchange of ideas; and foster an atmosphere of open communication.
 - Ability to express facts and ideas in writing in clear, convincing and organized manners appropriate to the audience and occasion.