

# Technology Transfer Awards

## Section Q

### Introduction

The Air Force currently participates in two major technology transfer award calls for nominations; the General Ronald W. Yates Award for Excellence



in Technology Transfer, an Air Force Materiel Command (AFMC) sponsored award, and the Federal Laboratories Consortium (FLC) sponsored award. General Yates was the first commander of AFMC and a champion of technology transfer.

Two presentations are made for this award, one to an individual and one to a team. The FLC honors its technology transfer professionals through an award program in the following categories: (1) FLC Awards for Excellence in Technology Transfer, (2) FLC Service Awards, and (3) Laboratory Director of the Year Awards. The cycle for calls for nominations for both of these awards is usually mid-summer with nominations due to AFRL/HR and FLC early in the fall for presentation the following spring.

### General Ronald W. Yates Award for Excellence in Technology Transfer

This award honors General Yates' numerous and lasting contributions to the Air Force Science and Technology program. Established upon his retirement as the first commander of the Air Force Materiel Command, the award is a lasting tribute to his achievements and to his support to technology transfer. Significant achievements of individuals and teams assigned to AFMC organizations are recognized for their contribution to move technology from AFMC to the public and private sector. This award consists of a trophy for permanent display in the

Headquarters Air Force Research Laboratory award case. Each award recipient receives a plaque for permanent retention and a letter of commendation. All nominees receive certificates recognizing their contribution to the AFMC technology transfer program. Attachments Q1, Q2 and Q3 are write-ups for FY99 and FY00 winners.

Efforts are currently underway to provide the opportunity to give cash awards to both military and civilian award winners. Eligibility, previous winners and other details on this award are available at [www.afrl.af.mil/techtrans/index.htm](http://www.afrl.af.mil/techtrans/index.htm). Process draft OI (Atch Q4), flowchart (*Figure Q1*), format and scoring criteria (Atch Q5), and the citation format (Atch Q6), and FLC Award nomination packages are at Attachments Q7 and Q8 respectively. Direct questions regarding eligibility, format, scoring and citation to AFRL/HR, 937-656-9796.

### Federal Laboratory Consortium (FLC) for Technology Transfer Excellence Awards

The FLC awards recognize federal laboratory employees who have accomplished outstanding work in the process of transferring a technology developed by a federal laboratory. Nominations are made by FLC laboratory members and are judged by representatives from industry, state and local government, academia and federal laboratories. Nomination itself is a significant honor. AFRL is highly competitive for these awards, winning at least one award per year for the past three years. The FLC presents a maximum of 30 awards annually. The general criteria include: (1) an individual or team of individuals has demonstrated uncommon creativity and initiative in the transfer of technology, (2) the benefits to industry, state and local government, and/or the general public are significant, and (3) the achievements are recent. Attachments Q8 and Q9 are the winning nominations submitted by the Air Force for CY2000.

Further information on the FLC awards and previous winners is available on: [www.federallabs.org](http://www.federallabs.org).

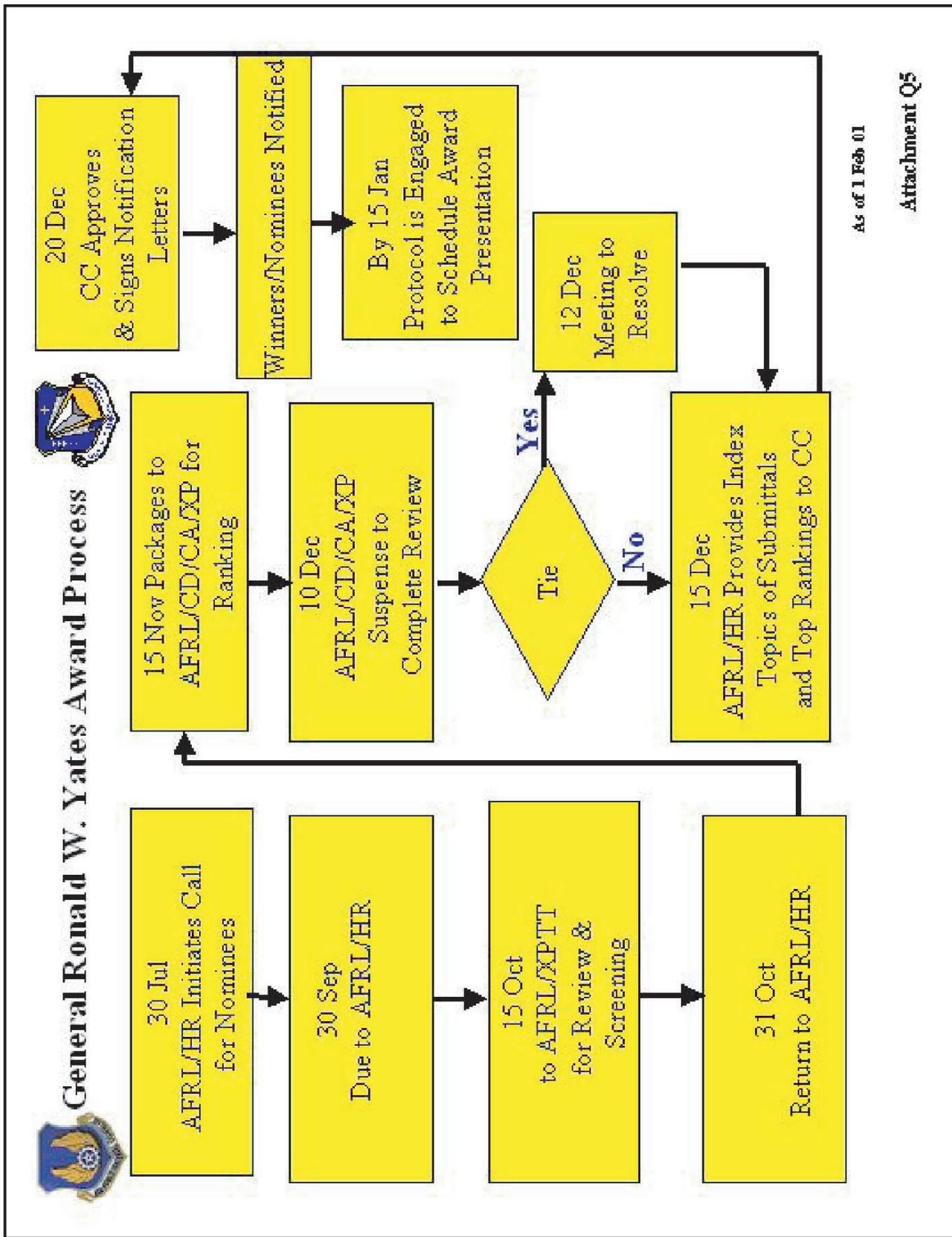


Figure Q1

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This instruction implements AFPD 36-28, Awards and Decorations. It explains eligibility requirements, selection criteria, and nomination procedures for the General Ronald W. Yates Award for Excellence in Technology Transfer.

**1. Policy.** This awards program is administered by AFRL/HR and applies to all AFMC organizations engaged in the transfer of technology to other government agencies, industry, academia and the private sector.

**1.1 Background of the Award.** The General Ronald W. Yates Award for Excellence in Technology Transfer, honors Gen Yates' numerous and lasting contributions to the Air Force Science and Technology program. This award was established upon his departure from active duty as the first Commander of Air Force Materiel Command and as a lasting tribute to his achievements and support of technology transfer.

**1.2 Purpose of the Award.** The purpose is to recognize a significant achievement of individuals and teams assigned to AFMC organizations in the movement of technology between AFMC and the public and/or private sector.

**1.3 Description of the Award.** The award will consist of a trophy for permanent display to be showcased in the HQ AFRL's awards case. In addition, each award recipient will receive a plaque for permanent retention and a letter of commendation. All nominees will receive certificates recognizing their contribution to the AFMC Technology Transfer Program.

**2. Period.** The period for this award is from 1 January through December 31 of the previous calendar year.

**3. Eligibility.** The nominee(s) must be a US Government civilian or military member of either the Air Force Research Laboratory (AFRL) or of an Air Force Materiel Command center, or some combination of the two. Individual and team nominations will be considered. The nominee(s) should be mid-level members of the organization (typically, pay band II (GS-12/13) or senior captain/major) with direct involvement or responsibility for the transfer of a laboratory technology effort, process, or system/subsystem to a customer. Contractor personnel contributing to the success of the technology transfer may be included as part of a team nomination.

**3.1. Laboratory technology** is defined as that work conducted under programs 6.1, 6.2, 6.3, 6.4 and 6.5.

**3.2. Technology Transfer and Customer.** Transfer is defined as oral or written information or data, hardware, personnel, service facilities, equipment or other resources relating to

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scientific or technological developments, of an Air Force RDT&E activity, provided or disclosed by any means to another Federal agency, state or local government; an industrial organization or academic institution; to promote technological or industrial innovation for commercial or public purposes.

**4. Nomination.** Each AFMC center and AFRL directorate may submit one nomination each for the individual and team technology transfer award. One copy of the typed nomination and citation, and a 3 1/2" diskette containing the nomination and citation are to be forwarded to AFRL/HR by 31 July of each year. The following information should be included in the nomination:

4.1. Name, occupational series or Air Force Specialty Code, grade or rank, organizational title, and office symbol of each nominee or all members of the team being nominated. Reference nomination format at Atch 1.

4.2. Justification of the nomination. Justifications are strictly limited to technologies that have been transferred. Justifications should follow the guidelines set forth in Atch 2, specifically these major areas: (A) Practical Commercial or Public Advancement Made by the Efforts of the Nominee(s); (B) Technology Transfer Effort by the Nominee(s) Beyond Normal Job Scope; and, (C) The Degree and Significance of Tangible Benefits to Industry or State/Local Government. Justifications are limited to two typed pages (single side only); type to be no smaller than 10 pitch Times New Roman; and, margins of one inch top, bottom and both sides.

4.3 Follow the example in Atch 3 for the Citation. For the team award, use the name on the citation.

4.4 Classified justifications are highly discouraged.

### **5. Selection.**

5.1. The AFRL Commander (AFRL/CC) chairs the selection panel. Panel membership consists of the AFRL Executive Director (AFRL/CD), the AFRL Chief Scientist (AFRL/CA) and the Director of Plans and Programs (AFRL/XP).

5.2. The panel will select the individual and team nominees whose efforts best reflect excellence in technology transfer as defined in the guidelines found in Atch 2.

### **6. Announcement and Presentation.**

6.1. The AFRL Commander will notify the individual or team selected by the panel.

6.2. The award will be presented at a time when the AFRL Commander and the recipient(s) are available, place and time TBD.

## General Yates Technology Transfer Award Format and Scoring Guidelines

Submit award nomination packages using the following format:

### Nomination for Gen. Ronald Yates Award for Excellence in Technology Transfer

**Nominee:**

**Occupation Series/AFSC:**

**Grade:**

**Title:**

**Office Symbol:**

**Identified in each of the scoring categories are specific questions to assist in writing the nomination package.**

**INSTRUCTIONS:** Scoring will be done by evaluating descriptions provided in the criteria subcategories as listed below. Not all subcategories may apply to every nomination. Highest possible score is 100 points. Criteria A is assigned up to 30 point; criteria B and C are assigned up to 35 points each. Total point scoring will be used for ranking.

#### **A. Practical Commercial or Public Advancement Made by the Efforts of the Nominee(s)**

1. **Description of Technology.** What technology was transferred? Briefly describe features, benefits, limitations.
2. **Tech Transfer Recipient and Need for Technology.** Who or what was the recipient of the transferred technology? Why was the technology needed? What problem was solved by the technology/technical advance?
3. **Technology or Technical Expertise.** What was the nominee(s)' involvement in the technology's development or availability?
4. **Initiation of Technology.** Who initiated the work for the technology/technical advance? Why was a federal lab the best place to achieve this work?

#### **B. The Technology Transfer Effort by the Nominee(s) Beyond Normal Job Scope**

1. **Tech Transfer Partnership.** Who were the partners in the technology transfer process? How did this partnership come about? What were the overall goals, objectives, and expectations of each partner? How were these goals/objectives/ expectations determined? How well were they met?
2. **Tech Transfer Processes Used/Innovations.** What technology transfer processes (*e.g.*, CRADAs, patents, licensing) were used to transfer the technology? Were there any innovative uses of these processes? Describe any innovations or creativity demonstrated by the nominee(s) in transferring the technology.
3. **Constraints.** What were the major challenges/constraints in transferring the technology? How were these challenges overcome?

## General Yates Technology Transfer Award Format and Scoring Guidelines

4. **Time Frame.** What was the time frame for the transfer? (What happened when?) As succinctly as possible, provide a short outline of the technology transfer process.
5. **Technology Transfer Efforts Above and Beyond the Call of Duty.** What aspects of technology transfer are within the regular job duties of the nominee(s)? How did the nominee(s)' efforts on this transfer go beyond the call of duty?
6. **Patents and Publications.** Were any patents involved in this technology transfer? If applicable, cite one or two patent numbers/titles. Were there any publications involving this technology? If applicable, cite up to four relevant references.
7. **Final Results.** What was the final result of the tech transfer effort—a commercial product, CRADA, positive change in community/public sector, spinoff company, license? What agreements are pending and/or final regarding this technology? What follow-up activities are taking place with the technology transfer partner(s)? (Follow-up activities might include continuing problem-solving efforts or further assistance with commercializing the technology or helping the community/public sector.)

### C. The Degree and Significance of Tangible Benefits to Industry or State/Local Governments

1. **Recipients/Technology Users.** Who are the recipients/technology users who will benefit from the technology transfer effort? How will they benefit from the transfer? What is the approximate size of this group(s)?
2. **Tangible Benefits and Their Significance.** What are the tangible benefits of the transfer effort? What is the significance of these benefits—both in the present and in the future? Wherever possible, provide quantitative data. Concentrate on: creation of a new industry/development of new product, a better method for doing something, impact on the community/public sector, higher profit margins, cost savings, competitive edge, improved health/safety, environmental benefits, etc.
3. **New Relationships.** Describe any new relationships that opened up new interactions with the public or private sector.
4. **Leveraging.** Describe any additional applications that might be developed from the transferred technology in the future.

## CITATION FORMAT

CITATION TO ACCOMPANY THE AWARD OF  
THE GENERAL RONALD W. YATES AWARD FOR  
EXCELLENCE IN TECHNOLOGY TRANSFER

TO

TECHNOLOGY TRANSFER TEAM (OR INDIVIDUAL'S NAME)

CITATION

Print the citation in landscape format. Left and right margins must be 1 ½ inches. Limit the citation to approximately 90 words, which properly describe the nominee's accomplishments or achievements.

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**2001 FLC AWARDS FOR EXCELLENCE IN TECHNOLOGY TRANSFER  
SUBMISSION COVER SHEET (FORM 01-CS)**

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**OFFICIAL NAME OF LABORATORY (maximum of two lines):** Propulsion Directorate, Air Force Research Laboratory

**If you are submitting more than one nomination from this laboratory for consideration in 2001, please indicate how many other nominations are being submitted:** \_\_\_\_\_

**DESCRIPTIVE TITLE OF NOMINATED TECHNOLOGY TRANSFER (10 words or less):** In Situ Densification of Carbon-Carbon Composites

**DESCRIPTIVE PARAGRAPH:**

In the box below, write a **BRIEF** summary of the nomination that describes: the transferred technology, the technology transfer process used, and the benefits of the transfer effort. If this nomination is chosen as a winner, this paragraph will be used in the official awards publication. Please write this paragraph in non-technical terms for a layman audience. If your facility/laboratory has a Public Affairs Office, we suggest asking this office to draft this paragraph in order to ensure compatibility with other publications pertaining to this transfer and technology.

**NOMINEE INFORMATION**

**Total number of nominees (persons) for this technology transfer:** \_\_\_\_\_

**Instructions:** Please list the names and titles of all nominees in the space below. Designate one nominee as the primary contact and provide address information for this person. If any nominee(s) has a different address than the primary contact, provide this address information as well. Also provide contact information for the three individuals listed at the bottom of the form.

**Primary Contact Name (Air force):**

**Title:** Research Group Leader

**Organization:**

**Address:**

**City:**

**State:**

**Zip:**

**Phone:**

**Fax:**

**E-mail:**

**Primary Contact Name (Partner**

**Nominees:**

	<b>FLC Representative Making Nomination</b>	<b>Nominee(s)' Supervisor</b>	<b>Laboratory Director</b>
<b>Name:</b>			
<b>Address:</b>			
<b>City:</b>			
<b>State/Zip:</b>			
<b>Phone:</b>			
<b>Fax:</b>			
<b>E-mail</b>			



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