

**History of the Educational and ROTC Awards Programs  
of the  
Lexington-Concord Chapter  
of the  
Armed Forces Communications & Electronics Association**

**By  
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**16 September 1987**

**First Revision, September 1988**

**Second Revision, June 1989**

**Third Revision, September 1990**

**Fourth Revision, August 1991**

**Fifth Revision, August 1992**

**Sixth Revision, August 1993**

**Seventh Revision, August 1994**

**Eighth Revision, September 1996**

**Ninth Revision, September 1997**

**Tenth Revision, August 1998**

**Eleventh Revision, September 1999**

**Twelfth Revision, September 2000**

## **Foreword to the Twelfth Revision**

This history documents the origins and development of the *Fellowship Awards Program* of the Lexington-Concord Chapter of AFCEA. It attempts to remember those Chapter members who have been instrumental in supporting the program and to record the students, schools and sponsors who have participated in the program through the years. In 1998 it was expanded to include information on other Chapter educational awards programs and on our very successful *ROTC Awards Program*.

Most of the information contained herein was gleaned from Chapter records saved over the years by various Chapter officers. Several current and former Chapter members have also supplied useful information, especially about the early years of the program. Bill Sen and Bruce Macdonald read an early version of the manuscript, made helpful suggestions and gave me additional information for inclusion. Bob Heyner, Nick Sisak, Bob Erwin, Jim Burkley, Lou de Brigard, and Charlie Gilfix also helped with discussions of the early years of the program. Don Mayer provided his recollections of the early years of the program in a letter from his home in Arizona. Claire Goulet helped me extract information from the AFCEA historical files at ASEC, including the long-lost information for 1982, and Ann Notkin at Westinghouse helped me access the records held by the 1986-1987 Vice President of Education, Steve Winchell. Claire has been instrumental in providing many of the statistics appearing in the tables over the past several years, and she has been extensively involved in working with the Vice Presidents of Education in administering the program since 1991.

There are clearly gaps in this document, and additional sources of information are still being pursued. This is a 12<sup>th</sup> Edition marking the completion of another successful year, the 38<sup>th</sup> year of our *Fellowship Awards Program*. Subsequent editions are planned for this history, and any corrections or additions from the readers of this document would be greatly appreciated.

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This document is dedicated to  
all those Chapter Members who have served as  
Vice Presidents of Education  
and to their secretaries  
who do much of the work and  
often receive little of the credit.

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*Fellowship Awards Program*

Not long after the Lexington-Concord Chapter of AFCEA was chartered on September 28, 1960, it initiated a fellowship awards program in service to the local community and in the furtherance of the goals and objectives of AFCEA. The establishment of a Vice President of Education as one of the original officers of the Chapter attests to the fact that an educational program was intended from the Chapter's inception. Walter Baucom of Thompson Ramo Wooldridge was the first person to hold this position.

The Chapter's first President, Lieutenant Colonel Donald V. Mayer, was instrumental in beginning this fellowship awards program. In the January 1964 issue of *Signal*, an item on the Lexington-Concord Chapter in the "Chapter News" section indicated that Mayer was given a citation by the Chapter for helping to organize the Chapter in 1960 and for helping to establish "a scholarship fund. . .[to aid] high school students by offering them a training-with-industry program during their summer vacation." Don recalls that "from the beginning. . .our plan was to select worthy high school seniors and give them 3 months summer employment (organized by each participating company) to help toward college and a career in C-E [communications-electronics]."<sup>1</sup>

Chapter-sponsored education programs were discussed as early as January 1961 at the third luncheon meeting held by the Chapter. An article in the April 1961 issue of *Signal* describing this meeting, held January 27 and featuring Congressman F. Bradford Morse (R) from Massachusetts' Fifth Congressional District, stated: "Among items of business was the chapter's plans for providing scholarships to outstanding students in the Lexington-Concord area and for providing educational services in the field of science to local high schools. . . ."

"The scholarship fund started with the Valentine's Dance in 1961 and the Golf Tournaments," recalls Bruce Macdonald, a Charter Member. "The first dance [February 17, 1961, at Robinhood's Ten Acres in Wayland] was a bust. The golf raised more money. . . .The first scholarships were Bonds given to students in the area. I believe Col. [Robert J.] Lynch [Vice President of Education 1961-1962] handled these activities in 1961 and 1962. About \$300 in Bonds were given out."<sup>2</sup> However, there are no other Chapter records of any actual scholarships being awarded until the summer of 1963.

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<sup>1</sup> Letter from Don Mayer to Bob Oliphant, August 31, 1987.

<sup>2</sup> Letter from Bruce R. Macdonald to Robert W. Oliphant, September 10, 1987.

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The oldest extant records of the Chapter indicate that William J. Sen of ESD, Vice President of Education in 1962-1963, put together the *Fellowship Awards Program* in its current form in 1962. In January 1963, Bill submitted two documents for review by the Chapter officers. The first described the program and how it was to be administered and was intended for background information for Chapter members. The second document described the program and included a three-page application form and was intended for distribution to participating schools. After reviewing the program with Chapter President Frank Langstroth of Sylvania Electric Products, Bill distributed these documents to the Chapter Executive Committee for review and comments. There were no significant changes to the program, and it was then implemented essentially as established by Bill Sen.

Bill modeled the program after one administered quite successfully by the Redstone-Tennessee Valley Chapter of AFCEA, now the Huntsville Chapter. The program offered a limited number of junior fellowships for three months' summer employment at a L. G. Hanscom Field laboratory, or by selected industry in Boston or along Route 128. The program offered \$875 in summer salary, the same figure used by the Redstone-Tennessee Valley Chapter, half to be borne by the Chapter and half by the selected industry. High schools from sixteen towns were solicited for the first year of the program, and four students were chosen for summer employment the first year. The Charter Schools were from the towns of Bedford, Belmont, Burlington, Concord, Lexington, Lincoln, Needham, Newton, Sudbury, Wakefield, Waltham, Wayland, Weston, Wilmington, Winchester, and Woburn.

To finance the program a one-time campaign was to be conducted to solicit money to provide a revolving fund, the goal being a fund of \$3500. Four fellowships were expected to cost the Chapter \$1800 annually. The fund would then be replenished using profits from the annual AFCEA February Social, the Golf Tournament held in June, and one other social night devoted especially to fund raising for the maintenance of the *Fellowship Award Fund*. Funds were to be solicited from three categories of organizations: large industry, small industry to include Contractors' Representatives, and Not-for-Profit to include contributions from private individuals.

Applications for the *Junior Fellowship Awards Program* were mailed out about March 1, 1963, with responses due by April 1. Articles describing the program appeared in the March 15 issues of the Boston *Traveler* and the Waltham *News-Tribune*. The four initial students selected for the program were Diane M. Zweil of Bedford, Steven A. Winter of Concord, Lawrence A. Goodman of Newton Center, and Mark N. Rosen of Waltham.

The four Charter Sponsoring Companies were the Laboratory for Electronics (LFE), The MITRE Corporation, Raytheon Company, and Sylvania Electric Products, Inc. The selection committee was headed by Bill Sen and made up of representatives from each of these companies. They were Robert C. Kelner, Technical Vice President of LFE; Robert R. Everett, Vice President of Technical Operations at MITRE; Fritz A. Gross, Vice President and General Manager of Raytheon's Equipment Division; and Dr. Carl E. Faflick, Director of Advanced Systems Planning at Sylvania Electronic Systems, a division of Sylvania Electric Products. James Lanigan of Sylvania Electronic Systems, Chapter Public Relations Chairman, distributed a formal News Release announcing the winners on May 9, 1963. The program was also mentioned in the Regional Vice Presidents and Chapter Presidents Meeting held in Washington at the 17th Annual

Convention on June 3, 1963, which was attended by Frank Langstroth, President; Pauline Collins, Secretary; and James Carrouth of the Lexington-Concord Chapter.

The winners were honored at a luncheon meeting held at the Hanscom Officers' Club on May 23. Dr. Albert J. Kelley, then Director of Electronics and Control at NASA, was the guest speaker at this inaugural awards banquet. The winners were presented with certificates that were prepared by RCA in Moorestown, NJ, and sent to Brig. Gen. Ralph I. Glasgow, USA (Ret.), AFCEA Secretary in Washington, to have the AFCEA seal affixed to the lower left hand corner of the certificate and the AFCEA emblem affixed to the top center. The August 1963 issue of *SIGNAL* contained an article about the luncheon meeting and a photograph of the four award winners with Dr. Kelley, Frank Langstroth and Capt. J. H. Sullivan, Arrangements Chairman.

Apparently, two runners-up were also selected in 1963 but did not receive summer fellowships. However, they were each awarded a Hoffman 709 X trans-solar portable radio donated by Hoffman Electronics Corporation of Asbury Park, NJ, as a runner-up award. This radio was advertised as the "world's only portable radio that plays without batteries on sunlight or light from a 100 watt bulb. Uses 3 stand-by penlight batteries when it's dark. Powerful 9-transistor, 2-diode, 1-thermistor circuit. Slide vernier tuning. Alnico V speaker. Battery booster circuit keeps stand-by batteries at peak power. Available in black, white, and beige. Comes equipped with leather carrywing case, earphone and earphone carrying case and stand-by batteries."

Funds to initiate the program were solicited from local industry the first year of the program. Frank Langstroth stood up at one of the Chapter meetings and pledged \$1000 toward the *Fellowship Awards Program* from his company, Sylvania Electric Products. However, this must have come up a little short, because on 2 January 1964, Col. Robert M. Wray of ESD, then Chapter President, sent a letter to Chapter members with a book of ten raffle tickets in an effort to raise \$1200 to \$1500 for the 1964 program. Charlie Gilfix of ESD served as chairman for this fund raising event. There is no record of what was raffled off, and it is possible this raffle was never actually held.

The need for a fund raiser was exacerbated about this time by a significant loss from one of the February dinner/dances held at Robinhood's Ten Acres (later the Wayland House and now a Jewish Temple) on Route 20 in Wayland. There was to be an open bar for one hour, but apparently no one told the bartender to close the bar and additionally the general public availed themselves of the Chapter's hospitality. By the end of the evening, the Chapter was out about \$1500.

Another raffle was used for the following year's program. In November, 1964, Lou de Brigard of Northrop, Vice President of Education, sent letters to Chapter Members with raffle tickets in an effort to raise another \$1500. This time the prize was a Stromberg-Carlson Radio/Phonograph (floor model) donated by Bob Heyner, Manager of the General Dynamics Field Office in Lexington. Apparently the president of General Dynamics Corporation at the time, Roger Lewis, had visited a corporate field office which had a loud stereo system that prevented him from hearing well when using the telephone. Because of this experience, he decreed that all corporate field offices had to get rid of their stereo systems, preferably by donation to some charity. The timing was perfect for the Lexington-Concord Chapter.

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A flier attached to Lou de Brigard's letter described the prize, the words clearly coming from a Stromberg-Carlson brochure:

The Stromberg-Carlson AM/FM Radio/Stereo High Fidelity Console is exactly the right touch of French Provincial styling for everyone wishing to carry elegance to a tastefully high degree; the cabinet is constructed throughout of genuine hardwood veneer, and its cherry finish blends beautifully with the modern trend in provincial furniture.

All essential controls are top mounted, and the full stereo sound is truly balanced, thereby making it possible to place the console anywhere in a room without suffering an annoying loss of volume from one channel or the other.

The AM/FM Stereo Tuner with its precision slide-rule dial contains separate AM and FM sections, so that AM-FM stereo broadcasts may be enjoyed.

An FM Stereo Multiplex Adapter can easily be added to the tuner.

Dual loudspeakers for each stereo channel are aimed out the front of the console, not out the sides.

Two matched 12" woofers of heavy-duty construction operate into acoustically-damped slot-loaded apertures in the floor of the cabinet.

Dual master volume controls allow the proper balancing of both stereo channels.

(Measurements - 18 1/2" wide, 55 1/2" long, and 35 1/2" high)

This fund raiser was successful as from then on the *Fellowship Awards Program* has been funded through the profits from Chapter activities, as originally envisioned by Bill Sen. Financial records for the *Scholarship Fund* for the year from September, 1964, to August, 1965, show that the raffle raised \$1200.50 and that the total cash on hand at the end of this period was \$1,725.72 compared with \$130.87 at the beginning.

Various articles describing the *Fellowship Awards Program* have appeared in *SIGNAL* over the years. An article in the July 1964 issue described the beginning of the "'Junior' Fellowship Program:"

The Lexington-Concord Chapter each year will offer a number of "Junior" Fellowship Awards to outstanding high school seniors in the Lexington-Concord-Route 128 area who have indicated an interest in a career in the technical and scientific fields.

It is the belief of the chapter that practical training in the technical and scientific fields is of vital importance in encouraging continued interest in further career development; therefore, the students who become recipients of these awards will be offered an opportunity for three months' summer employment in their chosen field of interest at L. G. Hanscom Field, or by selected industry in the Boston area.

During the 1963-64 period, the chapter initiated the program. Funds for the Fellowship Awards were solicited from local industry. The high school districts contiguous with the Lexington-Concord area were asked to nominate their most talented seniors interested in science and engineering. Out of those nominated, four were chosen and placed in summer jobs in local electronics firms. The AFCEA chapter and hiring industry jointly paid the summer salary. Transistor radios were given to the other nominees.

During the 1964 season, the "Junior" Fellowship Treasury was replenished by proceeds from chapter social events. Again four students have been selected for summer employment in local firms.

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Any chapter interested in the complete Lexington-Concord plan should contact the chapter at P. O. Box 253, Lexington, Massachusetts.

Howard Boling of Hughes Aircraft Company, Vice President of Education in 1967-1969, wrote an article on the program for *SIGNAL*, probably the "Chapter News" item in the June 1968 issue describing the increase in the number of awards to ten and the award of a \$100 scholarship to all winners. The *Fellowship Awards Program* was also described in another article written by Lucinda T. Spaney entitled "High Schoolers Get Unique Opportunity" which appeared on page 2 of the November 26, 1976, issue of *The Hansconian*. A slightly revised version of this article entitled "AFCEA/Lexington-Concord Fellowship Award Program" was then published in the February 1977 issue of *SIGNAL*. Cindy's article described the program in some detail and still represents an excellent description of the program:

A special endeavor of the Lexington-Concord Chapter of AFCEA is the sponsorship of the annual Fellowship Award Program for graduating high school students. The program has evolved from the award of a single financial scholarship about 10 years ago to the provision of a rare opportunity for local area seniors to gain some career-related experience in a professional environment prior to their college training. One of the main objectives of the meetings and social events on the Lexington-Concord Chapter's calendar is to provide the funds needed to maintain the Fellowship Program, in which the Chapter takes considerable pride.

In its current form, the program involves canvassing about 30 high schools in the local area to nominate scientifically-oriented graduating seniors who plan to pursue further education to prepare for careers in the technical fields related to communications and electronics. The candidates' vitae are screened by an award committee, and winners are selected solely on the basis of their scholastic achievement, personal interests and extracurricular activities.

Winners are placed in responsible jobs of a scientific or technical nature for a 10-week period during the summer months preceding their entry into college. In this situation, highly qualified young people are able to observe and participate in the accomplishment of real projects, to discuss goals and objectives with professionals in the field and to obtain an early test of aptitude for a chosen career.

Financial remuneration for the summer employment program is a fellowship stipend of \$1,250, of which up to one-half may be provided by the Lexington-Concord Chapter. The job opportunities and additional financial support for the program are provided by a key group of local sponsoring organizations whose representatives serve on the award committee. Fellowship certificates are presented to the winners at an awards banquet held in June of each year. As guests of the Chapter, the winners and their parents get acquainted with sponsor representatives, learn about the jobs they will be undertaking and work out schedule and transportation arrangements for their upcoming assignments. Although the AFCEA Fellowship Award is limited to the single summer's program, the relationship established between the student and the sponsor often develops into a longer-term arrangement for part-time employment during the college years.

The Chapter has been working hard to expand the number of participants in the Fellowship Award Program. There were three winners in 1971, four in 1972, eight in 1973 and ten in 1974 and 1975. During the summer of 1976, 12 outstanding young men and women were given the opportunity to participate in the AFCEA Lexington-Concord Fellowship program. Sponsoring organizations included both large and small profit and not-for-profit members of the local defense industry, as well as the Electronic Systems Division of the Air Force Systems Command.

The feedback from the Fellowship program participants, not only the award winners themselves but also the sponsoring organizations, has been excellent. Although a conventional (financial only) scholarship award is valuable to receive and easier to administer, the Lexington-Concord Chapter is convinced that its Fellowship program approach reaps more extensive benefits. It provides a chance for pre-college in-



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roduction to the work ethic, first-hand observation of the defense community, investigation of career goals and objectives, and practice with the interpersonal communications skills associated with future professional development. In addition, the student receives a significant contribution toward the first year's college expenses.

The Lexington-Concord Chapter hopes to continue to broaden its Fellowship Award Program to make the opportunity available to more local area students. It is pleased with the success of the program and encourages other chapters to consider the implementation of similar activities. Chapters desiring information on the administrative aspects of the Lexington-Concord's program may contact Mr. Gilbert A. Barrett, who is spearheading the Fellowship Award Program for 1977.

The *Fellowship Awards Program* has changed somewhat since Cindy wrote her article in 1977, but the philosophy behind the program and the essentials of its administration have not changed. The program continues to be administered by the Chapter Vice President of Education. The Chapter now solicits over 70 local schools as we have broadened our corporate sponsors to include companies as far south as Cambridge, as far west as Westborough and Marlborough, and as far north as Tewksbury and Nashua. The salary stipend for these summer employees is now borne entirely by the sponsoring companies and is \$3000.

The Fellowship Awards Banquet is held in May, traditionally at the Hanscom AFB Officers' Club. For the first few years of the *Fellowship Awards Program*, the Fellowship Awards were made at a regular Chapter luncheon meeting held at the Officer's Club. In 1969 the first awards dinner was held. This banquet featured Mr. Benjamin H. Oliver, Vice President of Military Affairs at AT&T and a National Director of AFCEA. Mr. Oliver was the National President of AFCEA in 1960 when the Chapter was chartered and had attended the Charter Meeting on November 22, 1960, to present the charter to Lieutenant Colonel Don Mayer. Another AFCEA International President, Dr. Jon L. Boyes, spoke at the 1983 banquet. Congressman Paul Cronin spoke at the 1973 banquet and returned the following year to make the presentations. The 1973 banquet also featured the presentation of an *Honor Award Citation* to Mr. William J. Sen of ESD who served five terms as Vice President of Education in 1962-1964 and 1970-1973. Speakers from the Electronic Systems Division have frequently spoken at the Awards Banquet, especially in recent years. Major General John B. Bestic, Commander of ESD, was one of the first from ESD to speak in 1968. A dinner/dance was held at the Holiday Inn in Burlington in 1972. Dinners were held at the Ramada Inn in Woburn in 1976 and 1978; otherwise they have been held at the Officers' Club.

The addition of new sponsors has allowed us to increase the number of awards. However, we have made every attempt to keep the quality of the summer jobs awarded at a high level so that the summer fellows have a really meaningful and educational experience.

We have also added additional financial scholarship awards. In 1979 the Chapter began awarding an additional \$1000 stipend and plaque to one outstanding Fellowship recipient each year. The idea for this award was conceived by Gilbert A. Barrett. Gil read an article written by the local historian Jason Korell of Concord in the Minuteman Publications weekly newspaper supplement of July 7, 1977, about a man named Harrison Gray Dyar, a clockmaker's apprentice in Concord, MA, in the 1820s. While working in Concord for the clock maker Lemuel Curtis, Dyar conceived of the idea of the electric telegraph, and in 1826, at the age of 23, he actually ran experiments demonstrating a telegraph using an elementary code to send letters of the alphabet.

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It was not until 1844 that Samuel F. B. Morse duplicated this feat, with the help of Dyar's confidant and the drawings Dyar had left with him. Dyar also invented an eight-day clock that reduced the number of wheels required from a half dozen to two. An early electrical experimenter, Dyar developed an electrical storage battery used to run his telegraph. Dyar eventually made a fortune from his work with aniline dyes. Gil had filed this article away, and when looking for ways to expand the *Fellowship Awards Program*, Gil conceived the idea of making a significant financial award to the outstanding Fellow each year and naming this award after Harrison Gray Dyar, one of the area's very first electronic wizards. Thus the *Harrison Gray Dyar Award* was born. When this award was first presented in 1979, a special presentation ceremony was held at the Sentry Center Auditorium in Concord. Jason Korell gave a talk on Harrison Gray Dyar and Col. Charles J. Orrico, USAF (Ret.), from AFCEA Headquarters in Washington, came to make the presentations.

When Gil Barrett retired in 1982, he was named a Director Emeritus of the Lexington-Concord Chapter, and the *Harrison Gray Dyar Award* was renamed the *Gilbert A. Barrett Award* in honor of Gil's long, active service to the Chapter and especially for his contributions toward growing the *Fellowship Awards Program*. He always took a keen interest in the well being of the *Fellowship Awards Program* and was one of its strongest supporters. Gil served as Vice President of Education in 1976-1977, was Chapter President in 1973-1974, and served in many other positions in the Chapter before his retirement. Gil died in 1988, but his wife and son have continued to attend our Fellowship Awards dinners to present the *Gilbert A. Barrett Award*.

Beginning in 1985, all other *Fellowship Award* winners were also given a financial stipend. In 1985 this amounted to \$325, and the amount was increased to \$500 in 1986, and to \$1000 in 1990. Actually such awards were given as early as 1968 when each winner received a \$100 cash award in addition to the summer employment.

The *Fellowship Awards Program* has now been a successful program for over thirty years and is the cornerstone of the Chapter's service projects. Since its inception, nearly 450 students have benefited from the program and 36 organizations have served as sponsors. Some schools have done exceedingly well in placing students in the program. Bedford High School, one of the original schools in the program, has had the most winners at 20. Of the sponsors, Raytheon, Sylvania/ GTE and MITRE, three of the four original sponsors, have continued their strong support of the program almost continuously since its inception. ASEC, Intermetrics, and Draper Laboratory have also been long-time supporters of the program.

The *Fellowship Awards Program* has been a labor of love for those Vice Presidents of Education who have administered the program. Letters received from students who have participated in the program certainly add to the satisfaction in running the program. Ken McVicar received one such letter from Mark Regan of Reading who worked at MIT Lincoln Laboratory:

June 28, 1974

Dear Mr. McVicar,

The reason I have waited so long to thank you and the other people of A.F.C.E.A. for this unique opportunity, is that I wished to find out just what it involved.

This job, that you have given me, has turned out to be a perfect sampling of what a career in engineering would be like. Already after only one week I've completed a project designed to acquaint me with all the elementary aspects of electronics and circuit design.

Just from this short time I have had this job, one thing that has really impressed me is the way everyone takes time out whenever I have a question on a certain aspect of what I'm doing. Thanks to you, I have been placed in what many, including myself, consider to be the finest research lab in the world. I have access to some of the most sophisticated equipment and the training of the most qualified people imaginable.

It is hard to say how much I appreciate this job and your selecting me for it. I hope you will thank the other members of A.F.C.E.A. for me. I will try to live up to this honor. Thanks again.

Sincerely,

[Signed]

Mark Regan

The tables at the end of this history summarize the *Fellowship Awards Program* over the years. Table 1 gives the Chapter Vice President of Education for each year since the Chapter was chartered, the names and schools of the Fellowship Award winners, and the sponsoring companies for each year, where they are known. Table 2 summarizes the numerical growth of the program with regard to the number of schools solicited for nominations, the number of responses received, the number of sponsoring companies, the number of awards made, the value of the salary for the ten week summer work period, and the value of cash awards made to each Fellowship Award winner. Table 3 summarizes the information on the individual awards presentations each year, giving the date, type of event, location, and principal speaker and awards presenter. Table 4 summarizes the data for each sponsoring school by year, and Table 5 summarizes the data for each sponsoring company.

#### *Thomas P. O'Mahony Scholarship Award*

In June 1994 Tom O'Mahony, Vice President of Education from 1990 until his retirement from the Air Force on 1 February 1994, was honored for his contributions to our *Fellowship Awards Program* by being awarded the *AFCEA Award for Distinguished Service to Education* at the AFCEA International Convention and Exposition in Washington, DC. As Vice President of Education, Tom was instrumental in obtaining several new sponsoring organizations in a successful effort to increase the number of fellowships awarded without decreasing the quality of the jobs offered to the winners. In 1990 Tom initiated a new program at the end of the summer in which he hosted a luncheon, visit and tour of Hanscom AFB, including technical demonstrations at Phillips Laboratory, to give the students a chance to meet each other, share their job experiences, and learn more about ESC and Phillips. This was a great success with the students and with their sponsoring organizations. In 1994, the *Fellowship Awards Program* made awards to 23 students, the most ever, and the program was recognized in the September 1994 issue of *SIGNAL* magazine.

In 1992 Tom was instrumental in the Chapter's effort to establish two new \$500 Scholarships to students at Middlesex Community College who will go on to a four-year college for a bachelor's degree in a science, engineering or technology discipline. In honor of Tom's service to educa-

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tion through his work as Vice President of Education of our Chapter and in honor of his nearly 43 years of civil service in the Air Force, the Chapter initiated a new \$1000 scholarship at Middlesex, the *Thomas P. O'Mahony Scholarship*, beginning in 1994.

*John F. Condon Scholarship Award*

John Condon was the first Director of the Small Business Contractor Relations Office at ESD (now the Small and Disadvantaged Business Utilization Office at ESC) formed about 1970. In this position he served as a focal point for industry contacts with ESD, not for just small businesses but for all contractors. John retired from civil service with the Air Force in 1981. John was active in the affairs of the Lexington-Concord Chapter almost from its inception. He was elected Vice President for Membership in 1963, just three years after the Chapter was formed, and the following year he was elected Chapter President. He served as Chairman of the Board of Directors in 1965-1966 and then served as a director of the Chapter until 1983. In that year a new position was created, Director Emeritus, and John and Gil Barrett were both elected to that position. John continued to serve the Chapter in this position, attending our Board of Directors meetings regularly, until his death in 1989. John also served on numerous committees to plan symposia, golf tournaments, and other Chapter activities.

John was a strong supporter of our *Fellowship Awards Program* and its objectives of providing a meaningful summer work experience to high school graduates who were going on to careers in engineering or the sciences. To honor his memory and his dedication to the ideals of education, we established the *John F. Condon Scholarship Award* in 1990 and made the first award in 1991. The \$1000 scholarship is presented annually to a graduating senior from Brockton High School in John's hometown. Awards are presented at the annual Fellowship Awards Dinner. Following is a list of the winners of the John F. Condon Scholarship Award:

1991	Mark Noone
1992	Maureen Miller
1993	Anastasia Nasiakos
1994	Eric Lee
1995	James Burns
1996	Jennifer Clines
1997	Elaine Allard
1998 - 2000	no nominee

*ROTC Awards Program*

Throughout its history, the Chapter has promoted ROTC activities at local colleges and universities. ROTC members have been invited guests at many of the luncheons and special feature programs over the years. Special stipends have been given to the Arnold Air Society in support of their annual meeting (\$100) and to the MIT Rocket Club to enable an Air Force ROTC cadet to attend an international model rocketry contest (\$500).

As early as 1977 awards were made to ROTC cadets at Massachusetts Institute of Technology. By 1981 we were also making awards at Northeastern University, the University of Lowell, and

perhaps others. At the beginning of our 1981-1982 year, Chapter President Jim Henderson formalized the annual giving of ROTC awards with his appointment of a Chairman (now Vice President) for ROTC Affairs. Major Robert E. Dupre, Director of Intelligence at ESD, was the first Chairman. Major Dupre came to ESD after a 3-year tour of duty as an ROTC Instructor at the University of Lowell and had a strong interest in supporting local ROTC detachments. By 1983 we were making awards to cadets at nine detachments at 6 universities and this was increased to the current 8 universities in 1985. We now make awards to cadets at each of the following 15 ROTC detachments:

<b>UNIVERSITY OR COLLEGE</b>	<b>ROTC DETACHMENTS</b>
University of Massachusetts at Lowell	Air Force
Massachusetts Institute of Technology	Navy, Army, Air Force
Boston University	Navy, Army, Air Force
Northeastern University	Army
College of Holy Cross	Navy
Worcester Polytechnic Institute	Army, Air Force
University of Massachusetts	Army, Air Force
University of New Hampshire	Army, Air Force

As the *ROTC Awards Program* has grown, the sizes of the awards have grown. Early awards were a certificate and a \$50 U.S. Savings Bond. In 1982 the savings bonds were increased to \$100, and in 1985 they were increased to \$500 when an engraved AFCEA paperweight was also given. In 1990 we changed the awards from savings bonds to a \$500 scholarships and this was increased to the current \$1000 scholarships in 1991. We have also given perpetual plaques to each ROTC detachment so that the names of our AFCEA ROTC Award recipients can be displayed prominently at each school.

In 1983 the Chapter initiated the *General Bernard A. Schriever ROTC Award* to the outstanding ROTC student in our area. A Chapter Committee was formed to select the “best” of the award winners for this award. The award honors General Schriever’s distinguished career and his continued commitment to encouraging young men and women to seek careers in the Armed Forces. General Schriever was the last commander of the Air Research and Development Command (ARDC), 1959-1961, and the first commander of the Air Force Systems Command (AFSC), 1961-1966. The first award was presented by General Schriever on 20 September 1983. The award now consists of an engraved plaque and a \$2000 scholarship.

Over the years our ROTC awards have been presented at the various awards ceremonies held annually by each ROTC detachment in the spring. We have made every effort to have Chapter officers or officers commissioned out of the ROTC program present these awards, as well as AFCEA International ROTC Awards, at the local schools. In 1998 our Vice President for

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ROTC Affairs, Colonel Tom Mahler, initiated a new awards program in the form of an ROTC Awards Luncheon held 23 April 1998 at Hanscom AFB. The award winners and their detachment commanders attended as guests of the Chapter, and all of our ROTC awards were presented at this time.

*Other Educational Awards Programs*

The Lexington-Concord Chapter has made annual contributions to the AFCEA International Educational Foundation since 1987. We provided \$1200 in 1998.

In 1991 the Chapter began making annual contributions to the Hanscom Enlisted Wives Scholarship Fund and to the Hanscom Officers' Wives Scholarship Fund. Initial contributions were \$100 to each and this has been raised to \$250 to each in 1998.

In 1991 we also began advertising the AFCEA International Educational Foundation's annual high school science project competition at the local schools we solicit for our *Fellowship Awards Program*. In 1982 we nominated a specific student for this competition and awarded him a \$100 U.S. Savings Bond at our January 1998 chapter meeting. We have continued to do this and now award the nominee from our area a \$500 scholarship at our January meeting.

About 1994 the Chapter began participating in AFCEA International's program to support Science Teacher Projects in local public schools. In 1997-8 we provided \$2260 in funding for this program, part of the funds coming from the Chapter and part from AFCEA International.

In 1998 the chapter initiated an *Enlisted Aid for Education Scholarship Grant* to support enlisted personnel at Hanscom AFB who are continuing their education. The grant of \$4500 provided 45 \$100 scholarships to enlisted personnel to help cover their educational expenses that are not otherwise covered by the Air Force. AFCEA International provided \$2000 for this program and the Chapter provided \$2500.

The educational and ROTC awards programs of the Lexington-Concord Chapter have grown as the Chapter has grown, and they certainly represent a substantial contribution to the goals of AFCEA and to the nation's future. All Chapter members may justly take great pride in the service we provide to our nation's youth through these programs.

**Table 1. Chapter Vice Presidents of Education, Fellowship Award Winners, and Sponsoring Companies by Year**

**1961 - Walter Baucom, Thompson Ramo Wooldridge**

**1962 - Col. Robert J. Lynch, ESD**

**1963 - William J. Sen, ESD/ESL**

Steven A. Winter	Concord-Carlisle High School
Lawrence A. Goodman	Newton High School
Mark N. Rosen	Waltham High School
Diane M. Zweil	Bedford High School

**1964 - William J. Sen, ESD**

4 Students were selected; the names are not known.

**1965 - Louis E. de Brigard, Northrop Corporation**

3 or 4 students are believed to have been selected; the names are not known.

**1966 - Louis E. de Brigard, Northrop Corporation**

Gordon Davidson	Arlington High School
John O'Neil	Bedford High School
Stephen Bernacki	Chelmsford High School
Stephen Selkowitz	Newton High School
James Kates	Reading Memorial High School
Hugh Masterman	Waltham High School
1966 Alternates:	Curtis B. Norwood, Woburn High School Henry Terkanian, Lexington High School

**1967 - Louis E. de Brigard, Northrop Corporation**

Martin Krauger	Newton High School	Nortronics, PPD
James F. Lambros	Waltham High School	Sylvania
Charles E. Lucier	Winchester High School	RCA
Candice Martin	Wayland High School	Raytheon Company
James H. Paffenbarger	Needham High School	National Company
David A. Smith	Bedford High School	The MITRE Corporation
1967 Alternates:	Francis A. Chang, Arlington High School Peter J. Arseneaux, Jr., Burlington High School	

**1968 - Howard E. Boling, Hughes Aircraft Company**

Robin B. Langer	Arlington High School	Raytheon Company
Stephen B. Ellis	Concord-Carlisle High School	Laboratory for Electronics (LFE)
Ildiko Damokosh	Burlington High School	Kennicott
Cedric Chao	Lexington High School	The MITRE Corporation
John M. McGinnis	Needham High School	National
Thomas H. Mathieson	Bedford High School	Sanders
Stephen I. Fine	Newton High School	Sylvania
Dennis S. Newman	Wayland High School	Nortronics
Dean R. Gallant	Winchester High School	RCA

**1969 - Howard E. Boling, Hughes Aircraft Company**

Michael Lerer  
John B. Czulada  
David G. Mahoney

***History of the Fellowship Awards Program  
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Stanton L. Gerson  
Daniel Moynihan  
Robert E. Turnquist  
William Renke  
Jeffrey H. Harris  
Daniel M. Zwirbla  
Glenn Reitsma

**1970 - Edward E. Elowe, EG&G, Inc. (4 awards were made)**

Stephen Pearlman                      Waltham High School                      [Army Materials Research  
Agency - not AFCEA job]

Other candidates were:

Dale Shaw                      Burlington High School  
Eileen McKenna                      Bedford High School  
Robert H. Kinton                      Chelmsford High School  
Arthur Silverberg                      Concord-Carlisle Regional High School  
Albert Friend                      Lexington High School  
Alan W. Lakie                      Melrose High School  
Stanley Golden                      Needham High School  
Henry Greenside                      Newton High School  
Dean Groves                      Reading Memorial High School  
David Spokowski                      Wayland High School  
Glee Corsetti                      Wilmington High School  
Stephen C. Bryant                      Winchester High School  
William Alan Jones                      Woburn High School

**1971 - E. E. Elowe, EG&G, Inc. and William J. Sen, ESD**

David A. Moon                      Wayland High School                      The MITRE Corporation  
Andrew Lees                      Newton High School                      New Eng. Tel. & Tel.  
Roger B. Fish                      Burlington High School                      ITT Defense Comm. Div.

**1972 - William J. Sen, ESD/XR**

Patrick O'Connor                      Woburn High School                      The MITRE Corporation  
Robert H. Higby                      Wayland High School                      GTE Sylvania  
Robert L. Sachs                      Bedford High School                      Raytheon  
Frederick M. Walter                      Waltham High School                      New Eng. Tel. & Tel.

**1973 - William J. Sen, ESD/XR**

Daniel K. Scholten                      Wayland High School                      The MITRE Corporation  
Nancy D. Marcotte                      Chelmsford High School  
John M. Gilbert                      Bedford High School  
Glynis M. Aromaa                      Maynard High School  
Roy K. McDonald                      Belmont High School  
Kenneth R. Abbott                      Winchester High School  
Martin A. Edmunds                      Waltham High School  
Thomas A. Royal                      Andover High School

**1974 - Kenneth E. McVicar, The MITRE Corporation**

Steven B. Clafin                      Bedford High School                      Raytheon Company  
Michael W. Rubin                      Wayland High School                      Raytheon Company  
Zbigniew Michniowski                      Belmont High School                      MIT Lincoln Laboratory  
Mark Regan                      Reading High School                      MIT Lincoln Laboratory  
David J. Schlegel                      Andover High School                      AVCO  
Peter G. Gennis                      Arlington High School                      Sylvania  
Leo J. Jaehnig                      Acton-Boxborough High School                      Sylvania



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of the Lexington Concord Chapter***

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Douglas C. McCune	Lexington High School	RCA
John A. Gilbert	Concord-Carlisle High School	The MITRE Corporation
Nolan T. Jones, Jr.	Winchester High School	The MITRE Corporation

**1975 - Carl F. Davis, ESD; Daniel Crowley, GTE and Lucinda T. Spaney, MITRE**

Frank Bottari	Waltham High School	GTE Sylvania
Thomas M. Coate	Belmont High School	ESD
William C. Doscocil	Acton-Boxborough High School	GTE Sylvania
Peter Gould	Tewksbury High School	Raytheon Missile Sys. Div.
David C. Hempstead	Andover High School	ESD/CTC
Jonathan Hurd	Bedford High School	The MITRE Corporation
John O'Connor	Woburn High School	Analytical Systems Eng. Corp.
Mary Louise Russell	Groton High School	ESD
Michael Witham	North Reading High School	MIT Lincoln Laboratory
Bernard J. Wu	Melrose High School	The MITRE Corporation

**1976 - Lucinda T. Spaney, The MITRE Corporation**

Jean M. Baglione	Wakefield High School	The MITRE Corporation
Peter T. Baldwin	Billerica High School	The MITRE Corporation
Robert J. Cohen	Newton North High School	ESD
William B. Gail	Lincoln-Sudbury High School	GTE Sylvania
Peter V. Glinski	Peabody High School	ESD/ETSS
John C. Hehre	Wellesley High School	Analytical Systems Eng. Corp.
Hyung Goo Kim	Waltham High School	MIT Lincoln Laboratory
Gerald T. Mahoney	Stoneham High School	ESD/DCF
Sue E. McLeod	Groton-Dunstable High School	ESD/WW
Geoffrey C. Rogers	Concord-Carlisle High School	Raytheon
David Hugh Smith	Acton-Boxborough High School	ESD/DCF
Franklin W. Smoot	Wayland High School	GTE Sylvania

**1977 - Gilbert A. Barrett, ITT Defense Communications Division**

Robert Drury	Chelmsford High School	The MITRE Corporation
Roland Harris	Burlington High School	Spears Associates
Herbert Kay	Belmont High School	Megapulse, Inc.
Deborah Kinne	Needham High School	GTE Sylvania
James Luth	Reading Memorial High School	Raytheon Missile Sys. Div.
Dennis McGrail	Stoneham High School	The MITRE Corporation
Leonard "Chip" Rosenthal	Andover High School	Analytical Systems Eng. Corp.
Mark Sobolewski	Concord-Carlisle High School	GTE Sylvania
Michael Stiling	Westford Academy	MIT Lincoln Laboratory

**1978 - James W. Henderson, Analytical Systems Engineering Corporation**

Lee Albert	Newton South High School	Raytheon Company
Robert Evans	Acton-Boxborough High School	Raytheon Company
Mark Goldberg	Peabody High School	The MITRE Corporation
Miriam Goldberg	Burlington High School	The MITRE Corporation
Richard Nichols	Needham High School	GTE Sylvania
Eugene Reardon	Wayland High School	Analytical Systems Eng. Corp.
Deborah Smulowicz	Lincoln-Sudbury High School	Megapulse, Inc.
Frank Tino	Billerica High School	Intermetrics
Vincent Weir	Weston High School	The MITRE Corporation
Robert Weisman	Stoneham High School	Analytical Systems Eng. Corp.
Tamara Whittle	Wellesley High School	GTE Sylvania
Joan Yater	Concord-Carlisle High School	GTE Sylvania

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**1979 - James W. Henderson, Analytical Systems Engineering Corporation**

Robert J. Lenk*	Andover High School	The MITRE Corporation
Philip Askenazy	Wakefield High School	Hycor
Zdenek Mayer	Peabody High School	Intermetrics
Alan Dean Talbot	Lynnfield High School	Intermetrics
David Roberts	Newton North High School	Raytheon Equipment Div.
Edward A. Clancy	Chelmsford High School	Raytheon Missile Sys. Div.
J. Wylie Donald	Acton-Boxboro High School	Analytical Systems Eng. Corp.
Richard J. Walter	Waltham High School	Analytical Systems Eng. Corp.
Charles R. Philbrick, Jr.	Bedford High School	The MITRE Corporation
Rebecca G. Abeyta	Groton High School	The MITRE Corporation

\* *Harrison Gray Dyar Award Winner*

**1980 - James W. Henderson, Analytical Systems Engineering Corporation**

E. Rosenthal  
P. Sterpe  
S. Bertolini  
P. Bradford  
G. Bradley  
D. Becker  
C. Petti  
H. Chun  
P. Schunemann  
K. Robbins

\* *Harrison Gray Dyar Award Winner*

**1981 - Dr. Robert W. Oliphant, General Dynamics Corporation**

Simon C. Cowley	North Reading High School	
Brian T. White	Newton North High School	
Sandra J. K. Earlam	Winchester High School	C. S. Draper Laboratory
Roland L. Dunbrack, Jr.*	Waltham High School	
William Bruno	Bedford High School	
Eric J. Limbert	Belmont High School	
Peter J. Litman	Needham High School	
Nicole Romito	Andover High School	
David Metsky	Acton-Boxborough High School	
Christopher T. Amirault	Melrose High School	
Judith M. Bobbitt	Minuteman Reg. Voc. Tech. Sch.	

\* *Harrison Gray Dyar Award Winner*

**1982 - Thomas F. "Tim" Bashara, Computer Sciences Corporation**

David Baron	Newton North High School	GTE
Paolo Coppi	Winchester High School	Intermetrics
Edward Ede	North Reading High School	The MITRE Corporation
Gregory Esses	Bedford High School	Raytheon Company
Dorothy Faulstich	Waltham High School	Digital Equipment Corporation
George Orsula	Tewksbury High School	Raytheon Company
James Reisert	Chelmsford High School	Digital Equipment Corporation
Dan Smiley	Wayland High School	Digital Equipment Corporation
Philip Squitieri	Billerica High School	Analytical Systems Eng. Corp.
Peter Tatian	Stoneham High School	C. S. Draper Laboratory
Lisa Maiocco	Woburn High School	The MITRE Corporation

\* *Gilbert A. Barrett Award Winner?*

*History of the Fellowship Awards Program  
of the Lexington Concord Chapter*

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**1983 - Thomas F. "Tim" Bashara, Computer Sciences Corporation**

Achal Aggarwal	Burlington High School	Analytical Systems Eng. Corp.
Robert Atkin	Lynnfield High School	Intermetrics
Stephen Bensley	Bedford High School	Raytheon Company
Michael Campanella	Wakefield High School	Digital Equipment Corp.
Michael Chao	Newton North High School	The MITRE Corporation
Jeffrey Cohen	Framingham South High School	Digital Equipment Corporation
Kevin Daley	Reading High School	Digital Equipment Corporation
Michael Equi	North Reading High School	C. S. Draper Laboratory
Geoffrey Gallant	Billerica High School	GTE
Lee Garth	Lincoln-Sudbury Reg. High School	Raytheon Company
David Iacovie	Melrose High School	C. S. Draper Laboratory
Brian Kettler	Concord-Carlisle Reg. High School	Digital Equipment Corp.
Bettina Nechay	Algonquin Regional High School	GTE
Janice Onanian*	Arlington High School	GTE
Michael Perrone	Shrewsbury High School	Digital Equipment Corporation
Robert Plutnicki	Marlborough High School	Digital Equipment Corporation
Kevin Richards	Hudson Catholic High School	Digital Equipment Corporation
Jeffrey Segota	Acton-Boxboro High School	Digital Equipment Corporation
Robert Shumsky	Belmont High School	The MITRE Corporation

\* *Gilbert A. Barrett Award Winner*

**1984 - Thomas F. "Tim" Bashara, Computer Sciences Corporation**

Barbara A. Ahearn*	Winchester High School	Digital Equip. Corp. Maynard
Nicolas P. B. Bollen	Lincoln-Sudbury Reg. High School	Raytheon Company Sudbury
Curtis W. Clark	Billerica Memorial High School	Digital Equip. Corp. Nashua
Robert J. Frommer, Jr.	Nashoba Regional High School	Digital Equip. Corp. Marlborough
David K. Goss	Shrewsbury High School	Digital Equip. Corp. Marlborough
Barbara J. Grimm	Bedford High School	GTE/CSD Needham
Brian D. Gulachensi	Algonquin Regional High School	GTE/SSD Westborough
Richard P. Keigwin	Marlborough High School	Digital Equip. Corp. Marlborough
Adam Kolodny	Andover High School	The MITRE Corporation
Anne C. LaFlamme	Lynnfield High School	C. S. Draper Laboratory
Richard E. Mizner	St. Johns Prep. High School	C. S. Draper Laboratory
Mark A. Nowacki	Chelmsford High School	Analytical Systems Eng. Corp.
Daniel C. O'Connor	Woburn Senior High School	Raytheon Company Bedford
John P. Rouillard	Waltham High School	Intermetrics
Beth L. Smiley	Wayland High School	Digital Equip. Corp. Maynard
Lon E. Sunshine	Framingham South High School	GTE/CSD Needham
Barbara J. Upham	Reading Memorial High School	Digital Equip. Corp. Tewksbury

\* *Gilbert A. Barrett Award Winner*

**1985 - James J. Martin, Westinghouse Electric Corporation**

Ian Avruch	Waltham High School	GTE/CSD
Newton M. Chang	Chelmsford High School	The MITRE Corporation
Heather Classen	Wakefield High School	C. S. Draper Laboratory
Steven H. David	Peabody Vet. Mem. High School	The MITRE Corporation
John T. Delisle	Marian High School	Raytheon Missile Sys. Div.
Mark Epstein	St. John's Prep. High School	BBN Laboratories Inc.
Edward D. Grise	Wilmington High School	GTE/SSD
David A. Jones	Nashoba Regional High School	Digital Equipment Corporation
Mark A. Levine*	Framingham South High School	GTE/CSD
Mark R. Malonson	Reading Memorial High School	C. S. Draper Laboratory
Laura A. Miles	Algonquin Regional High School	Intermetrics
Marc J. Paquin	Tewksbury High School	C. S. Draper Laboratory

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Tracy A. Prentiss	North Reading High School	C. S. Draper Laboratory
Steven D. Ryder	Westford Academy	Analytical Systems Eng. Corp.
Ravi K. Sharma	Winchester High School	C. S. Draper Laboratory
Joan P. Sklenak	Lincoln-Sudbury High School	Raytheon Equipment Division
Nancy Wolk	Andover High School	C. S. Draper Laboratory

\* *Gilbert A. Barrett Award Winner*

**1986 - James J. Martin, Westinghouse Electric Corporation**

Mark Chao*	Newton North High School	The MITRE Corporation
David Coppeta	Central Catholic High School	C. S. Draper Laboratory
Christopher Horner	Buckingham, Browne & Nichols	Raytheon Missile Sys. Div.
Stephan LeBlanc	Lexington High School	BBN Laboratories Inc.
Andrew Longley	Reading Memorial High School	Symbolics
Christopher Massa	Bedford High School	GTE Strategic Sys. Div.
Michael McGuirk	Chelmsford High School	Intermetrics
Leonard Neiberg	Newton South High School	GTE Comm. Sys. Div.
Brian Nicholson	Westford Academy	Analytical Systems Eng. Corp.
Derek Rutherford	Winchester High School	The MITRE Corporation
Richard Schofield	Algonquin Regional High School	Digital Equipment Corporation
Sean Varley	Marian High School	GTE Comm.Sys. Div.
Jeffrey Vorderer	Lincoln-Sudbury Reg. High School	Raytheon Equipment Div.

\* *Gilbert A. Barrett Award Winner*

**1987 - James J. Martin, Westinghouse Electric Corporation**

Bradley Ambrose	Algonquin Regional High School	C. S. Draper Laboratory
Stephen Atkins	Lynnfield High School	The MITRE Corporation
Matthew Birkner	St. John's Preparatory High School	Analytical Systems Eng. Corp.
Richard Calawa	Chelmsford High School	C. S. Draper Laboratory
Trevor Carlton	Nashua Senior High School	Digital Equipment Corporation
Christopher Chin	Wellesley High School	Intermetrics
Teresa Conway	Westford Academy	BBN Laboratories Inc.
Jeffery Cunningham	Acton-Boxborough High School	Digital Equipment Corporation
Daniel Damelin	Burlington High School	Dynamics Research Corp.
Thomas Guy	North Reading High School	BBN Communications Corp.
Andrew Heafitz	Newton South High School	GTE Comm. Sys. Div.
Benjamin Lonske	Lincoln-Sudbury High School	The MITRE Corporation
Miguel McDonald	Peabody Veterans Memorial H. S.	BBN Communications Corp.
Richard McNeil	Reading Memorial High School	BBN Advanced Computers Inc.
Craig Najjar	Marlborough High School	Raytheon Equipment Div.
Christopher Prinos	Nashoba Regional High School	Raytheon Missile Sys. Div.
Stefan Reitshamer	Marian High School	BBN Communications Corp.
Anthony St. Amour	Bedford High School	GTE WIS Div.
Julie Ann Sexton	Needham High School	GTE Comm. Sys. Div.

\* *Gilbert A. Barrett Award Winner*

**1988 - Steve Winchell, Westinghouse Electric Corporation**

Karin Anderson	Reading Memorial High School	C. S. Draper Laboratory
Franco Baseggio	Concord-Carlisle Reg. High School	C. S. Draper Laboratory
Stephen Borden	Andover High School	Dynamics Research Corp.
Brett Borghetti	Chelmsford High School	GTE WIS Div.
Thomas Cargill	Melrose High School	Analytical Systems Eng. Corp.
Edward Chen	Wayland High School	BBN Laboratories Inc.
Jeffrey Conrod	Belmont High School	GTE Comm. Sys. Div.
Abraham Chyung	Stoneham High School	BBN Laboratories Inc.
Faith David	Peabody Veterans Mem. High Sch.	C. S. Draper Laboratory

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Robert Flores	Bedford High School	GTE WIS Div.
Jung-hua Kuo*	Acton-Boxboro Reg. High School	The MITRE Corporation
Katherine Lothes	Wellesley High School	Digital Equipment Corporation
Andrew Marshall	Nashoba Regional High School	Intermetrics
Terri Moses	Nashua High School	Raytheon Missile Sys. Div.
Andrew Walsh	Westford Academy	The MITRE Corporation
Kenneth Warnock	Lynnfield High School	GTE Comm. Sys. Div.
Alexandra Worden	Arlington High School	BBN Manufacturing Corp.
Lei Yin	Newton North High School	BBN Manufacturing Corp.

\* *Gilbert A. Barrett Award Winner*

**1989 - Bob Kennedy, GTE Strategic Systems Division**

Jane Bae	Wellesley High School	C. S. Draper Laboratory
Theresa Brennan	Lincoln-Sudbury Reg. High School	Raytheon Equipment Div.
Timothy Brosnihan	Algonquin Regional High School	Raytheon Missile Sys. Div.
Cynthia Brown	North Reading High School	GTE Comm. Sys. Div.
Kristina Creeden	Alvirne High School	Digital Equipment Corporation
Patrick Kelliher	Bedford High School	GTE Comm. Sys. Div.
Jason Pirrello	Arlington High School	BBN Manufacturing Corp.
Peter Santoro	Wakefield Memorial High School	Analytical Systems Eng. Corp.
DeWitt Seward	Acton-Boxboro Reg. High School	The MITRE Corporation
Jeff Sullivan	Central Catholic High School	The MITRE Corporation
Yeh-Kai Tung*	Lexington High School	Alphatech, Inc.
Eric Twitchell	Burlington High School	Intermetrics

\* *Gilbert A. Barrett Award Winner*

**1990 - Donald Kelley, Electronic Systems Division (ESD/IN)**

David Coleman	Hudson Catholic High School	GTE C3 Sector
Jeffrey D'Urso	Central Catholic High School	Digital Equipment Corporation
Melissa Ferro	Bedford High School	Raytheon Missile Sys. Div.
Nicole Freedman	Wellesley High School	Raytheon Equipment Div.
MaryBeth Kossuth	Melrose High School	The MITRE Corporation
Cameron McLeod	Tewksbury Memorial High School	GTE C3 Sector
Jennifer Mitchell	Haverhill High School	Horizons Technology Inc.
Sarah Morse	Newton North High School	GTE C3 Sector
Kurt Mosiejczuk	Westborough High School	GTE C3 Sector
James Nohrden	Nashoba Regional High School	C. S. Draper Laboratory
Jean-Marc Rocher	Stoneham High School	Sumaria Systems Inc.
Joshua Spiewak*	Lincoln-Sudbury Reg. High School	Analytical Systems Eng. Corp.
John Stadalnick	Norwood High School	The MITRE Corporation
Kevin Walsh	Marian High School	Intermetrics

\* *Gilbert A. Barrett Award Winner*

**1991 - Thomas P. O'Mahony, Electronic Systems Division (ESD/AV)**

John Caruso	Burlington High School	Sumaria Systems
Michael Coutu	Central Catholic High School	Dynamics Research Corporation
Terrence Cussen	Nashoba Regional High School	Horizons Technology Inc.
Brian DiVasta	North Reading High School	Analytical Systems Eng. Corp.
David Foti	Wayland High School	GTE C3 Sector
Adrien Grise	Wilmington High School	Digital Equipment Corporation
Ryan Jorgensen	Marlborough High School	GTE C3 Sector
Jonathan Jung	Minuteman Regional High School	C. S. Draper Laboratory
Peter Lee	Algonquin Regional High School	Raytheon Equipment Division
Brian Nolan	Arlington High School	Transportation Systems Center
Cynthia Phillips	Concord-Carlisle High School	The MITRE Corporation

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Nicole Wainwright	Malden High School	System Resources Corporation
Joshua Wheelock*	Westborough High School	The MITRE Corporation

\* *Gilbert A. Barrett Award Winner*

**1992 - Thomas P. O'Mahony, Electronic Systems Center (ESC/AV)**

Benjamin Abbott*	Reading Memorial High School	Dynamics Research Corporation
Poonum Agrawal	Waltham High School	I-NET
Jeanne Coleman	Hudson Catholic High School	Intermetrics
Matthew Courcy	Burlington High School	Sumaria Systems
Robert Craven	Tewksbury High School	Digital Equipment Corporation
Sadhana Dhruvakumar	Lincoln-Sudbury Regional High School	Raytheon Equipment Division
Daniel Grillo	Woburn High School	Computer Technology Associates
Susan Habina	Alvirne High School	Analytical Systems Eng. Corp.
Michael Hamilton	St. John's Preparatory School	C. S. Draper Laboratory
John Lippmann	Wayland High School	Analysis & Computer Systems Inc.
Jin Lu	Andover High School	System Resources Corporation
James Marchetti	Wellesley High School	GTE C3 Sector
Tark McMains	Concord-Carlisle Regional High School	Horizons Technology Inc.
Scott Meninger	North Reading High School	Volpe Nat. Transportation Sys. Ctr.
David Murphy	Winchester High School	The MITRE Corporation
Jodi Pellegrini	Wilmington High School	Abacus Technology
Andria Pomponi	Bedford High School	Digital Equipment Corporation
Nilesh Reshamwala	Shrewsbury High School	The MITRE Corporation
Meghan Sullivan	Framingham High School	GTE C3 Sector

\* *Gilbert A. Barrett Award Winner*

**1993 - Thomas P. O'Mahony, Electronic Systems Center (ESC/AV)**

Luke Burns	Wellesley High School	Volpe Nat. Transportation Sys. Ctr.
Matthew Cesario	Hudson High School	Analytical Systems Eng. Corp.
Oleg Cheiner	Acton-Boxboro Regional High School	Analysis & Computer Systems Inc.
Andrew Cheng*	Burlington High School	The MITRE Corporation
Jerome Diggs	Lawrence High School	Abacus Technology
Mark Di Giovanni	Reading Memorial High School	Sumaria Systems
Tracey Dubuque	Revere High School	Computer Technology Associates
Jaime Favara	Haverhill High School	I-NET
Colin Greineder	Wellesley High School	System Resources Corporation
Kevin Harrington	Chelmsford High School	The MITRE Corporation
Stephen Holland	Wayland High School	GTE C3 Sector
Jean Maranville	Tewksbury Memorial High School	Dynamics Research Corporation
Michael McGovern	Belmont High School	C. S. Draper Laboratory
Michelle O'Riorden	Nashoba Regional High School	Horizons Technology Inc.
Dustin Petros	Tyngsboro Senior High School	C. S. Draper Laboratory
David Ragonis	Lincoln-Sudbury Regional High School	Raytheon Equipment Division
Laurel Schaider	Concord-Carlisle High School	Computer Technology Associates
Derek Truesdale	St. John's Preparatory School	Intermetrics

\* *Gilbert A. Barrett Award Winner*

**1994 - Thomas P. O'Mahony (ESC/AV), & Robert Frye, (ESC/SC) Electronic Systems Center**

Joanna Au	Framingham High School	The MITRE Corporation
Joseph Corkery	Winchester High School	Computer Sciences Corporation
Michelle Drew	Somerville High School	C. S. Draper Laboratory
Michael Faggella	North Reading High School	Computer Sciences Corporation
Paul Goulart	Tewksbury Memorial High School	System Resources Corporation
Sean Guarino	Malden High School	Computer Sciences Corporation
Robin Holzer	Groton-Dunstable High School	Horizons Technology Inc.

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Tiffany Jost	Lincoln-Sudbury High School	Raytheon Equipment Division
Michael Kassatly	Westborough High School	Raytheon Equipment Division
Adam Kenney	Acton-Boxboro High School	Intermetrics
Bryant King	Woburn High School	Computer Sciences Corporation
Irene Kuo*	Burlington High School	GTE
Joseph Laliberte	Hudson Catholic High School	Raytheon Equipment Division
George Lee	Melrose High School	Sumaria Systems
Rebecca Lippman	Wayland High School	Computer Technology Associates
David McManus	Belmont High School	Raytheon Equipment Division
Jonathan Ruggiero	Marlboro High School	Raytheon Equipment Division
Wudbhav Sankar	Phillips Academy	Dynamics Research Corporation
Rachel Schneller	Needham High School	Raytheon Equipment Division
Matthew Sniderman	Algonquin High School	Analysis & Computer Systems Inc.
James Steeves	Chelmsford High School	Analytical Systems Eng. Corp.
Eileen Tighe	Arlington High School	Raytheon Equipment Division
Kissa Williams	Waltham High School	I-NET

\* *Gilbert A. Barrett Award Winner*

**1995 - Robert Frye, (ESC/SC), & David Condon, (ESC/BC) Electronic Systems Center**

Dzintars Avots	Arlington High School	Intermetrics
James Brock	Phillips Academy	C. S. Draper Laboratory
Patrick Carr	Austin Preparatory High School	Sumaria Systems
Deborah Creighton	Lynnfield High School	Analysis & Computer Systems Inc.
Anjali Dhond	Burlington High School	System Resources Corporation
Daniel Giffin	Wellesley High School	BBN Systems and Technologies
Alisa Grubbs	Cambridge Rindge & Latin High School	Raytheon ESD
Kevin Hayes	Wayland High School	Raytheon ESD
Debra Kassabian	Malden High School	Abacus
Catherine Legg*	Billerica High School	I-NET
Jonathan Miller	Alvirne High School	Computer Sciences Corporation
Sean O'Meara	Somerville High School	Computer Sciences Corporation
Eileen O'Pray	Bedford High School	Analytical Systems Eng. Corp.
Michael Phillips	Chelmsford High School	The MITRE Corporation
Rachel Rae	Needham High School	Computer Sciences Corporation
Jeffrey Steeves	Acton-Boxborough High School	Raytheon ESD
Catherine Turco	Wakefield Memorial High School	Horizons Technology Inc.
Jenna Volpe	Wilmington High School	Dynamics Research Corporation
Danny Wong	Newton South High School	GTE

\* *Gilbert A. Barrett Award Winner*

**1996 - Randy Sablich, GTE Government Systems Corp.**

Ishan Anand	Chelmsford High School	GTE
Michael Bartley*	Waltham High School	The MITRE Corporation
Russell Blaine	Winchester High School	C. S. Draper Laboratory
Edward Branchaud	Central Catholic High School	Analytical Systems Eng. Corp.
Jesse Byler	Nashoba Regional High School	Horizons Technology Inc.
Susan Chin	Newton South High School	GTE
Ashima Dua	Somerville High School	System Resources Corporation
Patricia Fiore	Stoneham High School	Raytheon Co.
Bukkiah Golden	Revere High School	Raytheon Co.
Emily Ko	Burlington High School	Computer Technology Associates
Matthew Koidin	St. John's Preparatory High School	Intermetrics
Penny Legrow	Malden High School	Raytheon Co.
Jose Pichardo	Lawrence High School	Dynamics Research Corporation
Nancy Poon	North Reading High School	Raytheon Co.

***History of the Fellowship Awards Program  
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Catherine Regan	Needham High School	Raytheon Co.
Michael Scarpulla	Andover High School	Raytheon Co.
Krzysztof Sobczak	Haverhill High School	Raytheon Co.
Peter Sparks	Westford Academy	Raytheon Co.
Daniel Sumorok	Arlington High School	BBN Systems and Technologies
John Tracy	Algonquin Regional High School	Raytheon Co.
Lei Wang	Belmont High School	GTE
Zachary Warren	Acton-Boxborough High School	The MITRE Corporation

\* *Gilbert A. Barrett Award Winner*

**1997 - Randy Sablich, GTE Government Systems Corp.**

Neeta Bansal	Reading Memorial High School	PRC
Philippe Basquiat	Hudson Catholic High School	Raytheon Co.
John Batalis	North Reading High School	Dynamics Research Corporation
Zachary Bornstein	Framingham High School	Horizons Technology Inc.
Sarah Calhoun	Littleton Jr. Sr. High School	Raytheon Co.
Cindy Chan	Newton North High School	The MITRE Corporation
Matthew Corbin	Central Catholic High School	Raytheon Co.
Daniel Hu	Newton South High School	The MITRE Corporation
Eric Kadenhjian	Westwood High School	Raytheon Co.
John Karakashian	Waltham Senior High School	System Resources Corporation
Brooke LeClair	Acton-Boxboro Regional High School	Abacus
Christopher Long	Brookline High School	C. S. Draper Laboratory
Ouk Lunn	Lowell High School	PRC
Bryan Ly	Billerica Memorial High School	Analytical Systems Eng. Corp.
Jared Maguire	Revere High School	Intermetrics
Edwin Mercader	Lawrence High School	Raytheon Co.
Richard Moy	Burlington High School	GTE Government Systems Corp.
Paul Olson	Bishop Guertin High School	Raytheon Co.
Vishnu Pandey	Malden High School	Raytheon Co.
Andrew Paradise	Norwood High School	Raytheon Co.
Christopher Wolfe*	Lincoln-Sudbury Regional High School	Raytheon Co.
Julie Zeskind	Wayland High School	GTE Government Systems Corp.
ChangQing Zheng	Watertown High School	BBN Systems and Technologies

\* *Gilbert A. Barrett Award Winner*

**1998 – Mike McElwain, Northrop Grumman.**

Daniel Abadi	Lincoln-Sudbury Regional High School	Raytheon Co.
Nathan Crouse	Shrewsbury High School	Raytheon Co.
Raj Dandage	Phillips Academy	The MITRE Corporation
Sameer Dhond*	Burlington High School	GTE Internetworking (BBN-T)
Thomas Dossa	Marian High School	Raytheon Co.
Anthony Frasso	Westford Academy	Horizons Technology Inc.
Rob Garnier	Central Catholic High School	Dynamics Research Corporation
Alexander Grigoryev	Watertown High School	GTE Needham
Meng Heang	Waltham High School	Raytheon Co.
Maneesh Khaitan	Wellesley High School	PRC
Max Kupchik	Nashua Senior High School	The MITRE Corporation
Gregory Li	Nashoba Regional High School	Raytheon Co.
Ainsley McCall	Wakefield High School	Intermetrics
Ian Menzies	Framingham High School	Raytheon Co.
Osbert Pang	North Reading High School	System Resources Corporation
Asheen Phansey	Lynnfield High School	GTE Lexington
James Piechota	Arlington High School	C. S. Draper Laboratory
Matthew Porter	Winchester High School	PRC



***History of the Fellowship Awards Program  
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Daniel Ramras	Minuteman Science-Tech. High School	Raytheon Co.
Kenneth Taylor	St. John's Preparatory High School	Analytical Systems Eng. Corp.
Jennifer Yu	Chelmsford High School	The MITRE Corporation

\* *Gilbert A. Barrett Award Winner*

**1999 – Mike McElwain, Northrop Grumman.**

Elizabeth Bartley	Waltham High School	Volpe Center
Daniel Chan	Malden High School	PRC
Christopher Coleman	Marian High School	Analytical Systems Eng. Corp.
Matthew Cote	Haverhill High School	The MITRE Corporation
David DeRemer	Chelmsford High School	The MITRE Corporation
Michael DiDonato	Stoneham High School	GTE Internetworking
Scott Enger	Lynnfield High School	PRC
Richard Hu*	Framingham High School	Raytheon Co.
Joshua Kern	Newton North High School	AverStar (formerly Intermetrics)
Brian Kulis	Westford Academy	PRC
Kathleen Masterson	Lincoln-Sudbury Regional High School	Raytheon Co.
Scott Mazzaro	Bishop Guertin High School	Dynamics Research Corporation
Daniel Potter	Littleton Junior/Senior High School	The MITRE Corporation
Jennifer Roberts	Acton-Boxborough Regional High School	The MITRE Corporation
Robert Sartorelli, Jr.	Revere High School	System Research Corporation
Jeremy Smoler	Lexington High School	The MITRE Corporation
Richard Sullivan	Andover High School	The MITRE Corporation
Patrick Toomey	Concord-Carlisle High School	Horizons Technology, Inc.
Kevin Wang	Newton South High School	Gemini
Benjamin Wilson	Westborough High School	Edvance

\* *Gilbert A. Barrett Award Winner*

**2000 – Francis Moody, Dynamics Research Corporation.**

Tany Ban	Revere High School	Volpe Transportation Center
Scott Bertulli	Hudson High School	ACS Defense (formerly ASEC)
Joseph Bodell	North Reading High School	The MITRE Corporation
Michael Corcoran*	St. John's Preparatory High School	AverStar
Nicholas Csikesz	Westford Academy	Raytheon Co.
John Eaton	Littleton Junior/Senior High School	Horizons Technology, Inc.
Jason Forbes	Waltham High School	The MITRE Corporation
William Gallery	Winchester High School	General Dynamics (GTE GSC)
Alexey Gorshkov	Newton South High School	Litton-PRC
Samina Islam	Arlington High School	The MITRE Corporation
Peter Leonard	Wayland High School	Volpe Transportation Center
Ryan McPherson	Burlington High School	Dynamics Research Corporation
Daniel Relihan	Wakefield Memorial High School	General Dynamics
Tatyana Soroko	Malden High School	The MITRE Corporation
Sofya Tenenbaum	Lynnfield High School	General Dynamics

\* *Gilbert A. Barrett Award Winner*

**Table 2. Numerical Growth of the Fellowship Awards Program**

<b>Year</b>	<b>Schools Solicited</b>	<b>Responses Received</b>	<b>Sponsoring Companies</b>	<b>No. of Awards</b>	<b>Awarded Salary</b>	<b>Individual Cash Awards</b>
1961						
1962						
1963	16		4	4	\$ 875	
1964			4 <sup>1</sup>	4		
1965						
1966			6	6		
1967			6	6		
1968		21	9	9		\$ 100
1969			9 <sup>1</sup>	10		
1970	21	15	4	4		
1971	20		3	3		
1972			4	4		
1973	28		5 <sup>1</sup>	8		
1974	28		6	10		
1975	28		6	10	\$1,250	
1976	31	27	6	12	\$1,250	
1977	33	34 <sup>2</sup>	8	9	\$1,250	
1978	33	28	6	12		
1979	34	32	6	10	\$1,600	
1980			7	10		
1981	35	29	7	11	\$1,800	
1982	36	32	7	11	\$1,800	
1983	42	31	7	19	\$1,800	
1984	48	33	7	17	\$2,000	
1985	53	31	8	17		\$325
1986	53	30	9	13	\$2,200	\$500
1987	53	26	9	19	\$2,200	\$500
1988	56	25	9	18	\$2,500	\$500
1989	48	24 <sup>3</sup>	9	12	\$2,500	\$500
1990	63	39	9	14	\$2,500	\$500
1991	65	30	10	13	\$2,500	\$1,000
1992	65	35	16	19	\$2,500	\$1,000
1993	70	36	15	18	\$2,500	\$1,000
1994	70	37	14	23	\$3,000	\$1,000
1995	71	36	15	19	\$3,000	\$1,000
1996	72	32	12	22	\$3,000	\$1,000
1997	72	39	12	23	\$3,000	\$1,000
1998	72	37	11	21	\$3,000	\$1,000
1999	72	35	12	20	\$3,000	\$1,000
2000	72	29	9	15	\$3,500	\$1,000

<sup>1</sup> Number inferred from the number in the adjacent year(s).

<sup>2</sup> 3 schools nominated 2 persons; 1 school nominated 4 persons.

<sup>3</sup> 2 additional nominations were received in May after selections had been made.

**Table 3. Fellowship Awards Presentations**

<u>Date</u>	<u>Event</u>	<u>Place</u>	<u>Speaker/Presenter</u>
5/23/63	Luncheon	Hanscom Officers' Club	Dr. Albert J. Kelley, NASA
6/17/66	Luncheon		
5/25/67	Luncheon		
5/21/68	Luncheon	Hanscom Officers' Club	M/G John B. Bestic, ESD/CC
5/22/69	Dinner	Hanscom Officers' Club	Benjamin H. Oliver, AT&T and AFCEA Dir.
5/28/70	Luncheon		Dr. Frank L. Saba, Brockton Public Schools
5/22/72	Dinner/Dance	Holiday Inn, Burlington	B/G Charles L. Wilson, ESD/CV, Chairman
5/18/73	Dinner	Hanscom Officers' Club	Rep. Paul Cronin, Mass. Fifth District
5/16/74	Dinner	Ramada Inn, Woburn	B/G Phillip N. Larsen, ESD/CV & Paul Cronin
6/17/75	Dinner	Hanscom Officers' Club	
5/26/76	Dinner	Ramada Inn, Woburn	John Rosenfield, ESD
5/17/77	Dinner	Hanscom Officers' Club	M/G Henry B. Stelling, Jr., ESD/CV
5/24/78	Dinner	Hanscom Officers' Club	M/G George W. Rutter, ESD/YW
5/16/79	Presentations	Sentry Center, Concord	Jason E. Korrel/Col. Charles J. Orrico, AFCEA
5/21/80	Dinner	Hanscom Officers' Club	Col. Ernie L. Hatchell, Jr., ESD/XR
5/13/81	Dinner	Hanscom Officers' Club	Dr. Donald Brick, ESD/XR
5/11/82	Dinner	Hanscom Officers' Club	James Henderson, President
5/18/83	Dinner	Hanscom Officers' Club	Dr. Jon L. Boyes, AFCEA Inter'l President
5/08/84	Dinner	Hanscom Officers' Club	Gilbert A. Barrett
5/15/85	Dinner	Hanscom Officers' Club	Col. Thomas Cardoza, ESD/CS
5/21/86	Dinner	Hanscom Officers' Club	M/G Thomas C. Brandt, ESD/CV
5/20/87	Dinner	Hanscom Officers' Club	M/G Thomas C. Brandt, ESD/CV
5/26/88	Dinner	Hanscom Officers' Club	M/G Eric B. Nelson, ESD/CV
5/18/89	Dinner	Hanscom Officers' Club	M/G Thomas C. Brandt, AFSC/CS
5/17/90	Dinner	Hanscom Officers' Club	Col. David A. Herrelko, ESD/TCV
5/15/91	Dinner	Hanscom Officers' Club	Col. Michael Gallagher, ESD/PA
5/26/92	Dinner	Hanscom Officers' Club	M/G Robert W. Parker, On-Site Insp'n Agency
5/17/93	Dinner	Hanscom Officers' Club	L/G James W. Stansberry (USAF Ret.)
5/18/94	Dinner	Hanscom Officers' Club	Mr. Thomas P. O'Mahony (USAF Ret.)
5/10/95	Dinner	Hanscom Officers' Club	none
5/15/96	Dinner	Hanscom Officers' Club	none
5/21/97	Dinner	Hanscom Officers' Club	Col (sel) Peggy Shaw, Cmdr 66 <sup>th</sup> Support Grp
5/13/98	Dinner	Hanscom Officers' Club	Mr. Blaise Durante, Dep Asst Sec Mgmt Policy
5/19/99	Dinner	Hanscom Officers' Club	Lt. Col. Shannon Sullivan, Cmdr Det 1 46 <sup>th</sup> TS
5/10/00	Dinner	Hanscom Officers' Club	none

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Table 4. Summary of Winners from Each School

School/Year	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	Total
Acton-Boxborough Regional High School <sup>3,4</sup>												X	X	X		X	X	X						X	X	X				X	X	X	X	X		X		16	
Algonquin Reg. High School, Northboro <sup>3,4</sup>																				X	X	X	X	X		X		X			X		X						9
Alvirne High School, Hudson <sup>3,4</sup>																											X		X										3
Andover High School <sup>3,4</sup>										X	X	X		X		X		X			X	X				X		X				X				X			12
Arlington High School <sup>2,3,4</sup>				X		X					X									X					X	X		X			X	X	X		X		X		12
Austin Preparatory High School																																X							1
Bedford High School <sup>1,2,3,4</sup>	X			X	X	X				X	X	X	X			X		X	X	X	X	X		X	X	X	X	X		X									20
Belmont Hill School, Belmont <sup>3</sup>																																							0
Belmont Senior High School <sup>1,2,3,4</sup>										X	X	X		X				X		X						X			X	X		X							10
Billerica Memorial High School <sup>3,4</sup>													X		X				X	X	X										X		X						7
Bishop Guertin High School, Nashua <sup>3,4</sup>																																			X		X		2
Brookline High School																																			X				1
Buckingham, Browne & Nichols <sup>3</sup>																							X																1
Burlington High School <sup>1,2,3,4</sup>					X				X					X	X					X				X	X	X	X	X	X	X	X	X	X	X	X	X	X		16
Cambridge Rindge & Latin High School <sup>4</sup>															X	X																X							1
Central Catholic High School, Lawrence <sup>3,4</sup>																							X			X	X	X				X	X	X					7
Chapel Hill Chauncy Hall, Waltham <sup>3</sup>																																							0
Chelmsford High School <sup>2,3</sup>				X						X				X		X			X	X	X	X	X						X	X	X	X		X	X				16
Chelsea High School																																							0
Concord Academy, Concord <sup>3</sup>																																							0
Concord-Carlisle Reg. High Scho	X					X						X		X	X	X				X						X		X	X	X						X			12
Dedham High School <sup>4</sup>																																							0
Dover-Sherborne High School <sup>4</sup>																																							0
Everett High School																																							0
Framingham North High School <sup>3,4</sup>																																							0
Framingham South High School <sup>3,4</sup>																				X	X	X																	3
Framingham High School																													X		X			X	X	X			5
Groton-Dunstable High School <sup>3,4</sup>													X	X		X																X							4
Haverhill High School <sup>4</sup>																												X			X			X			X		4
Hudson High School <sup>3,4</sup>																					X							X	X								X		2
Hudson Catholic High School <sup>3,4</sup>																				X							X		X			X							5
Lawrence High School <sup>4</sup>																													X			X	X						3
Lexington High School <sup>1,2,3,4</sup>						X					X												X			X											X		5
Lincoln-Sudbury Reg. High School <sup>1,2,3,4</sup>														X		X				X	X	X	X	X		X	X		X	X	X			X	X	X		15	
Littleton Jr./Sr. High School																																			X	X	X		3
Lowell High School <sup>4</sup>																																			X			1	
Lynnfield High School <sup>3,4</sup>																X				X	X			X	X						X			X	X	X		9	
Malden High School, <sup>4</sup>																												X				X	X	X	X		X	X	7
Malden Catholic High School <sup>2</sup>																																							0
Marian High School, Framingham <sup>3,4</sup>																				X	X	X			X									X	X			6	
Marlborough High School <sup>3,4</sup>																				X	X			X				X										5	

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Table 4. Summary of Winners from Each School

School/Year	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	Total
Masconomet Regional High School																																							0
Maynard High School <sup>2,3,4</sup>										X																													1
Medford High School <sup>4</sup>																																							0
Melrose High School <sup>2,3,4</sup>												X						X		X						X		X			X								6
Minuteman Reg. Voc. Technical School <sup>3,4</sup>																		X										X							X			3	
Mount Saint Mary Seminary, Nashua <sup>3,4</sup>																																							0
Nashoba Regional High School <sup>3,4</sup>																			X	X		X	X		X	X		X			X		X		X			9	
Nashua Senior High School <sup>3,4</sup>																				X	X														X			3	
Natick High School <sup>4</sup>																																							0
Needham High School <sup>1,2,3,4</sup>						X	X								X	X								X					X	X	X							9	
Newton High School <sup>1,2</sup>	X			X	X	X			X																														5
Newton North High School <sup>3,4</sup>												X				X		X	X	X			X		X		X						X		X			10	
Newton South High School <sup>3,4</sup>													X							X	X										X	X	X		X	X		8	
North Reading High School <sup>3,4</sup>												X						X	X	X		X		X		X		X	X	X	X	X	X	X	X	X		14	
Norwood High School <sup>4</sup>																											X								X				2
Peabody Veterans Memorial High School <sup>3,4</sup>													X		X	X				X	X	X																6	
Phillips Academy																															X	X			X			3	
Presentation of Mary Academy, Hudson <sup>3,4</sup>																																						0	
Reading Memorial High School <sup>2,3,4</sup>				X							X			X						X	X	X	X	X	X				X	X					X			12	
Revere High School																														X			X	X		X	X		5
Saint John's Prep'y School, Danvers <sup>3,4</sup>																				X	X		X					X	X			X		X	X			8	
Shrewsbury High School <sup>3,4</sup>																				X	X								X						X			4	
Somerville High School																													X	X	X								3
Stoneham High School <sup>3,4</sup>													X	X	X					X				X		X					X				X			8	
Tewksbury Memorial High School <sup>3,4</sup>											X									X			X				X		X	X	X								7
Tyngsboro High School <sup>4</sup>																														X									1
Wakefield Mem. High School <sup>1,2,3,4</sup>														X			X				X		X				X					X			X	X		8	
Walpole High School <sup>4</sup>																																							0
Waltham High School <sup>1,2,3,4</sup>	X			X	X			X		X	X	X	X				X	X	X	X	X	X						X		X		X	X	X	X	X	X		20
Watertown High School <sup>4</sup>																																				X	X		2
Wayland High School <sup>1,2,3,4</sup>					X	X			X	X	X	X	X							X					X		X	X	X	X	X	X		X			X		19
Wellesley Senior High School <sup>3,4</sup>													X		X					X	X	X	X			X	X	X	X	X	X			X				11	
Westborough High School <sup>4</sup>																												X	X			X					X		4
Westford Academy <sup>3,4</sup>															X					X	X	X	X										X		X	X	X	9	
Weston High School <sup>1,2,3,4</sup>																X																						1	
Westwood High School <sup>4</sup>																																			X			1	
Wilmington High School <sup>1,2,3,4</sup>																							X					X	X			X						4	
Winchester Senior High School <sup>1,2,3,4</sup>					X	X					X	X						X	X		X	X	X					X		X		X		X		X		14	
Woburn High School <sup>1,2,3,4</sup>										X		X							X	X									X	X									6
TOTAL	4	4	4	6	6	9	10	4	3	4	8	10	10	12	9	12	10	10	11	11	19	17	17	13	19	18	12	14	13	19	18	23	19	22	23	21	20	15	479

**Table 4. Summary of Winners from Each School**

School/Year	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	Total
-------------	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-------

1 Schools solicited in 1963.

2 Schools solicited in 1970.

3 Schools solicited in 1987.

4 Schools solicited in 1990.

Note that no information on specific schools is available for 1964, 1965, 1969, 1970, and 1980.

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Table 5. Summary of Sponsoring Organizations

Sponsor/Year	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	Total	
Abacus Technology																													1	1		1	1					4		
Air Force Electronic Systems Division													3	5																									8	
Alphatech, Inc.																										1													1	
Analysis & Computer Systems Inc.																													1	1	1	1						4		
ASEC/ACS Defense													1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	28
AVCO Corporation											1	1																											2	
BBN Corp./GTE Internetworking ('98)																							1	1	5	4	1					1	1	1	1	1	1	1	17	
C. S. Draper Laboratory, Inc.																		1	1	2	2	6	1	2	3	1	1	1	1	2	1	1	1	1	1	1	1	1	29	
Computer Sciences Corporation																															4	3						5		
Computer Technology Associates																													1	2	1		1					5		
Digital Equipment Corporation													1	1	3	8	7	1	1	2	1	1	1	1	1	1	1	2										30		
Dynamics Research Corporation																									1	1			1	1	1	1	1	1	1	1	1	1	1	12
Edvance																																					1	1		
Gemini																																						1		
Horizons Technology Inc.																												1	1	1	1	1	1	1	1	1	1	1	11	
Hycor, Inc.																	1	1																					2	
I-NET																														1	1	1	1					4		
Intermetrics Inc./AverStar2																1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	23	
ITT Defense Communications Division									1																														1	
Kennicott							1	1?																															2?	
Laboratory for Electronics (L	1	1?	1?	1		1	1?																																6?	
Megapulse, Inc.																									1	1													2	
MIT Lincoln Laboratory												2	1	1	1																							5		
National Company						1	1	1?																															3?	
New England Telephone & Telegraph									1	1																													3?	
Nortronics, PPD						1	1	1	1?																														4?	
PRC																																		2	2	3	1	8		
Raytheon Company	1	1?	1?	1	1	1	1?			1	2?	2	1	1	1	2	2	2?	2	2	2	2	2	2	2	2	1	2	2	1	1	1	7	3	9	9	7	2	1	81?
RCA Automated Systems Division					1	1	1	1?				1																											5?	
Sanders Associates, Inc.							1	1?																															2?	
Signatron, Inc.											1																												1	
Spears Associates															1																								1	
Sumaria Systems Inc.																																							6	
Sylvania/GTE GSC/GDCS1	1	1?	1?	1	1	1	1?			1	2?	2	2	2	2	3		2?	3	1	3	3	3	3	3	4	2	4	2	2	1	1	1	3	2	2		3	69?	
Symbolics, Inc.																							1																1	
System Resources Corporation																													1	1	1	1	1	1	1	1	1		9	
The MITRE Corporation	1	1?	1?	1	1	1	1?		1	1	2?	2	2	2	2	3	3	2?	2	2	2	1	2	2	2	2	2	2	2	2	2	1	1	2	2	3	6	4	71?	
Volpe Nat. Transportation Sys. Center																																							6	
TOTAL	4	4?	4?	6	6	9	10?	4?	3	4	8?	10	10	12	9	12	10	10?	11	11	19	17	17	13	19	18	12	14	13	19	18	23	19	22	23	21	20	15	479?	

? Presumed number based on known total number of students for the year and the company's participation in adjacent years.

1. Sylvania became GTE Sylvania about 1970, GTE Government Systems Corp. about 1980, and General Dynamics Communications Systems in 1999.

2. Intermetrics joined with Pacer Infotec, Inc. in 1998 to create AverStar.

3. Analytical Systems Engineering Corp. was acquired by ACS Defense in 1999.