ACADEMICS

1974  Senior Synthesis: Development of a trimester course for seniors, focusing on the process of synoptic thinking and of synthesis among disciplines

1975  Establishment of Philosophy Department
1975  Senior Synthesis: Summer work study for Senior Synthesis course

1976  Research for Use of Time Study

1977  Continued research for Use of Time Study
1977  Study Skills Pilot Program
1977  Language Skills Program: Hardware and instructional personnel for the development of an Academic Skills Center
1977  Materials for Language and Mathematics Skills Program Leadership training
1977  Study Skills Program second phase
1977  English Department review

1978  History placement test development
1978  Initiating French winter term program in Antibes

1979  Math teaching fellow to develop computer training for Health Education Course
1979  Curriculum Committee Summer Workshop
1979  Latin American Studies Instructorship
1979  Study Skills workshop
1979  English seminars
1979  Curriculum Study proposal
1979  English seminars, visiting lecturers
1979  Spanish instructional slides

1980  Pilot program in a new approach to the study of foreign language, Italian
1980  Retroactive grant for the 1979 Summer Workshop on Curriculum Research
1980  Funds to continue a new venture in career education
1980  Latin American Studies grant for instructor
1980  Rewrite portions of the English Competence Handbook
1980  5-day computer workshop for Math faculty

1981  Philosophy seminar for instructor development in courses on ethics
1981  Biology curriculum adjustment for students not specializing in the sciences
1981  Heighten awareness at colleges of Andover, its programs and its graduates
1981  Produce a slide tape and lectures for the History Dept. as an essay on women and men in recent U.S. history
1981  Computer planning, evaluation and future use throughout the community.
1981  Invitational math competition — weekend program and contest
1981  Faculty workshop in computers
1981 Learning PASCAL and leading to teach PASCAL course at PA

1982 Biology Curriculum planning — 2nd year
1982 Physics 20 text proposal
1982 Chinese instructor proposal
1982 Russian audio-visual materials

1983 Development of a computer program to tutor students in comprehension and use of Latin verbs
1983 Investigation into possible uses of the computer in developing students’ compositional skills and aesthetic judgment, looking towards a computer arts course
1983 Summer project to prepare suitable materials for an Observational Astronomy course
1983 Copyright permission for materials in rhw book Writing: What’s the Point?

1984 Revamping of the French curriculum
1984 Math 47 to BASIC to PASCAL (Computer language)
1984 Laboratory demonstrations (upper level molecular biology course)
1984 Russian workshop
1984 Harbin scholarship

1985 Play adaptation of “Song of Solomon”
1985 Photographic essays for use in photography class — travel and equipment rental
1985 Consultant for college counselors
1985 Five-day meeting on chemical reactions

1986 Machine language course
1986 IBM-PC training program
1986 English curriculum workshop
1986 Audio-visual materials for Relion/Philosophy studies
1986 Biology equipment
1986 Video disk prototype
1986 Latin reading materials
1986 French art history — transfer of funds from the Theatre’de L’Instant project to the French Art History project
1986 Spanish film festival
1986 Biology department workshop
1986 Molecular models
1986 History curriculum revision
1986 Video equipment English dept.
1986 Chinese word processor

1987 Interdisciplinary course on the Renaissance
1987 Spanish 40 curriculum
1987  3D objects for Math
1987  Science internship
1987  English Competence program
1987  Visual materials for German course
1987  French workshop/computer on video tape

1988  Latin curriculum review
1988  Ornithological course
1988  Syllabus problem sets
1988  Academic Program Committee
1988  Book on teaching composition
1988  College deferment, development of advisor materials
1988  Creation of computerized environment
1988  Teaching materials/Chinese
1988  Precalculus software
1988  Language learning workshop
1988  Interim year material collection
1988  French folk songs for classroom teaching
1988  Creation of Guidebook for Study Away programs
1988  Hypercard (software) exercise programs for French courses
1988  Science supplies for classroom
1988  Video Pedagogy (Spanish courses)
1988  Video Pedagogy (French courses)
1988  Spanish teacher workshops
1988  History 29 readings

1989  Computer video training tapes
1989  Junior humanities curriculum
1989  Math 38 course
1989  Teaching Competence book
1989  American Journals videos for photography course
1989  Films, speakers for English 508
1989  Interactive teaching units based on Spanish television programs
1989  Development of Etymology course
1989  Pilot program for summer interns
1989  Spanish audio tapes
1989  Faculty workshop prior to educational trip to China

1990  Shakespeare audio tapes
1990  History dept. maps
1990  One term Greek/Latin course

1991  Graphing calculators and course materials
1991  Planet materials
1991  Planning team-teaching 6 sections of History 30
1991  Development of multimedia Chinese dictionary to supplement current text
1992 Text to utilize graphing calculators and develop teaching strategies that better motivate all math students, especially girls
1992 Purchasing collections of literary criticism to establish a library in the English Dept.
1992 Producing a handbook of chemical demonstrations that would be made available to all chemistry faculty

1993 Redesign of the Algebra II course to incorporate the graphing calculators
1993 Proposal for planning a Language Learning Center in Sam Phil.: workshops, foreign-language software, prospectus
1993 Cost of publishing 300 to 500 copies of a pamphlet of special projects by math students; pamphlet would be used to inspire current and prospective students

1994 Workshop on teaching critical thinking skills to members of the science division
1994 Pedagogical materials and teaching strategies for the implementation of changes in the Spanish curriculum
1994 Purchase equipment for advanced biology classes
1994 Fossils and artifacts for Social Science 10 and Biology 25
1994 Complete the English Dept. library of critical texts
1994 Internet training and connections for 30 English colleagues
1994 Training for foreign language teachers prior to Learning Center opening, plus curriculum development for the Learning Center
1994 Create a study skills manual
1994 Physical education curriculum development
1994 Enhancement of Math 42 (Statistics & Data Analysis)
1994 Multicultural curriculum development in English department — workshops, materials, invited experts and advisors

1995 Create and distribute a Chinese cartoon series (entitled “Mr. Han”) which will enhance the teaching of Chinese through “picture and talk” practice
1995 Theater Department Guest Artist Program for the last of 3 years of seeding; department is currently 1/3 of the way to having endowed funds to support the program on its own
1995 Create, by compiling, editing and designing, an inexpensive and appropriate historical atlas for History 30-31, as current maps are limited and dated
1995 Steering Committee in the form of compensation/release time for committee members, travel expenses to visit model curriculum programs, costs to brings speakers and consultants to PA, and to cover printing and clerical support
1995 Intensive workshop in visual studies, art and design to PA faculty, to enrich their lives as teachers, to share methods of teaching (including use of video and computer imaging), and to add to the energy of PA as a teaching/learning community
1995 Sustain and develop the Writing Lab (which is currently a voluntary effort), and expand and develop the collaborative, inter-disciplinary and celebratory aspects of the Writing Center
1995  Purchase molecular model kits to help students acquire the essential skills of visualizing molecules in 3 dimensions
1995  Support the teaching of statistics and data analysis in the math department required curriculum and in the data analysis elective through the purchase of books, periodicals and software
1995  Support to spend the next two summers and some of the academic year developing an original, target language–based, culturally rich program of instruction in Japanese
1995  Support the Steering Committee in the form of compensation/release time for committee members, travel expenses to visit model curriculum programs, costs to brings speakers and consultants to PA, funds to cover printing and clerical support (part 2)

1996  Create a brochure/catalog for a 3D design show of alumni/ae works to be held in the spring of 1997. The booklet would communicate the roots of the exhibit and the continuing importance of design in the PA curriculum.
1996  Create a board game based on grammatical units of sentences in English
1996  Create a Center for Teaching in the science division for 97-98 academic year as part of the next stage in program planning/faculty development (from the STI) to focus on clinical educational mentoring. Including the creation of Mentor Teacher position, which, along with the Center for Teaching, would move to a different academic department each subsequent year.
1996  Support for (10) faculty to implement the recommendations of the steering committee over the period of two summer and intervening academic year

1997  Create a glossary of terms for all senior electives so that faculty can cross-index our offerings ultimately on a hypertext program using our network
1997  Support curriculum review by department and division during the summer months of 1998 to prepare draft versions of the “written statements of purpose and philosophy” called for by the Steering Committee
1997  Provide students, faculty and staff with educational, professional and training materials via CD-ROM towers which they could access from any location on the campus network

1998  Establish a pilot program to determine how a school like PA can implement a career component into the college counseling process. The program would take a voluntary group of uppers and seniors and assist them in learning more about themselves and career opportunities
1998  Program of Safety Education/Awareness for the PA community.
1998  Create a puppet theatre that would involve both art and French classes
1998  Support the Math department’s studying of ways to improve the teaching of geometry, including the creation of materials to enhance and supplement the current geometry curriculum, and to teach the members of the department how to use the materials
1999 Create an English grammar textbook suitable for the English 200 curriculum, which will include grammatical exposition (with pragmatic transformational-generative focus) and original narrative examples and exercises (illustrated with original art)

1999 Create a broadcast-quality video documenting the Search & Rescue Program to be used by current students during orientation, by the Admissions Office for prospective students, by OAR for alumni and parents, and by the College Counseling Office to offer a glimpse of Andover

1999 Upgrade the academy’s aging observatory by adding several portable telescopes and cameras which will complement the current observatory and allow students the opportunity to learn more about the wonders of the universe firsthand

1999 Purchase an audio/video library to enrich a course in Jewish Literature currently being developed for the English Department

1999 Develop a supplement of educational articles and logistical information for the teaching fellow program

1999 Invite Mum Puppet Theatre of Philadelphia to perform “Seance” (Robert Smythe ’78) over Memorial Day weekend in conjunction with student performances as a grand finale to this year and an inspirational beginning to next year


2000 Funds to find practical solutions to issues concerning a Senior Capstone Project (set forth in the Steering Committee and Grade Task reports) in order to integrate the Capstone into Andover’s curriculum

2000 Funds to help provide education and training in the on-site preservation of some of the birds from the Green Smith Bird Collection which currently resides in Evans Hall. The collection lease from Harvard has been renewed for another 99 years and a portion of this collection will be moved into the new Gelb Science Center

2000 To encourage language teachers to tap more fully the power of technology by establishing a Laptop Pioneers program. Colleagues serving as “pioneers” will, in exchange for a year-long loan of an Apple G3 laptop, use technology in their teaching and will report back regularly to the division and the Director of Technology

2000 To educate students, faculty and staff about the Alexander Technique and its beneficial benefits for performance and daily tasks

2000 Funds to create a collection of precalculus worksheets, real life applications, group exercises, long-term projects, inductive learning assignments, and tests

2001 Proposal to create a 30-minute DVD multimedia program about the creation and evolution of *Life* magazine and its impact on American history and culture. The piece will explore and express how the magazine informed, engaged and inspired its readers with the power and magic of the photographic essay as a modern form of storytelling

2001 Funds to conduct research in preparation for a four-year study of student writing, following the work of 12 juniors as they move through the English department’s curriculum

2001 Funding to support 15 independent student projects in the biological sciences, as well as the purchase of needed scientific equipment

2001 Proposal to continue compiling notebooks for the precalculus and calculus courses. The notebooks will contain group exercises, real-life examples, hands-on
problems, lesson plans, tests and quizzes and will give further resource information for history of math applications
2001 Funds to assist with the development and implementation of a curriculum for a 4-session tutorial on writing literary analysis

2002 Funds to do research on different learning styles, teaching techniques that are effective for each of the different learning styles, and specific strategies for the math classroom. A presentation to the math department would occur in the fall
2002 Funds to travel to Doshisha International High School (Japan) to evaluate the department’s off-campus program in its implementation phase
2003 Funds to organize various science competitions such as the Science Bowl and the NASA Ames Space Settlement Contest

2004 Funds to prepare a series of placement exams for students of Chinese
2004 Funds to coordinate a series of professional development opportunities for members of the PA faculty that will focus on the pedagogy of service-learning and the integration of public service and academic learning

2005 Funds for preliminary study (summer 2005) of the possibility of organizing a ten-student linguistic, cultural and archaeological expedition to Mexico and Belize during the summer of 2006
2005 Funds to refurbish an additional 28 birds that are part of the Green-Smith Collection
2005 Funds for program development over the next three years as part of the Strategic Plan
2005 Funds to promote social language use of 9 modern languages by means of special desserts and internet-based information and language support
2005 Funds for the Andover Modern Abolitionist Society (AMAS) to bring a speaker to campus to talk on the issue of modern slavery
2005 Funds to offer a 2-day faculty development workshop focused on the pedagogy of service-learning
2005 Funds to create a 200-level French workbook
2005 Funds to cover the publication of Volume I of the PA Prize Exams in Mathematics

2006 Funds to create new song books for German language classes
2006 Funds for ACE Summer Program, math and science summer school in Colorado
2006 To fund a web-based course — German for Music Lovers
2006 Funds to bring the Higgins Armory educator to all sections of History 100 and to purchase equipment for related simulation exercises; to make purchased equipment available to the Physics Department
2006 Funds for the Oliver Wendell Holmes Library and the Academic Support Center to purchase a collection of over 200 audiobooks, and iPod Nano and PlayAway portable music players
2006 Funds to purchase Chinese computer software for the Language Learning Center
2007  Funds to explore the development of a summer program in France for Andover students
2007  Funds to add, replace and enhance challenge course elements to enrich the Search & Rescue experience, and to provide technical support and training for the S&R faculty
2007  Funds for PALMS (PA Language Mentors and Scholars), a new club, to purchase Rosetta Stone language software
2007  Funds to expand the Math Department library.
2007  Funds to begin a tablet PC pilot program to support faculty technology professional development and experimentation, as well as support sustainability initiatives
2007  Funds to hire a guest combat/fight instructor to coordinate, train and instruct students in specific fight sequences with the choreographer and the director for the spring production of “Jungle Book”
2007  Funds to augment the medieval weaponry unit developed for History 100

2008  Funds for PALMS to continue its usage of the Rosetta Stone program, for a small library of language textbooks and other materials
2008  To fund a week-long comedy improv workshop with professional artist Tanner Efinger

2009  To hire Fly By Foy, the preeminent fly company, to provide safe and secure flying capability to our actors as needed in our fall term production of the musical “The Who’s Tommy”
2009  To create a classroom setting that can visually represent Arabic as a language and as a culture and help students learn more about Arabic-speaking countries
2009  To fund a four- or five-day retreat during the summer of 2010 for 8 to 12 members of the Teaching and Learning Study Group

2010  To create three extensive, comprehensive notebooks for Math 330, 340, and 350 that will contain content, strategies, creative problems, and review
2010  To incorporate more opportunities for interdisciplinary teaching and learning in fulfillment of the goals outlined in the Strategic Plan. The grant will fund a three-year pilot to test a replicable and sustainable model
2010  To build and nourish our Arabic language program
2010  Science Exploratorium: A new community-oriented initiative that aims to raise awareness about various topics in science among PA students and beyond PA

2011  Attend South by Southwest Interactive Conference in Austin, TX

2012  Exploring Theatre: Workshop and performance series
2012  Coordination of the Modern Language Assoc. Convention with curriculum discussions
2012  Creation of free interactive online chemistry textbooks and practice exams
2012  Piette Program, Interdisciplinary experiential learning program in France
2012  Whiteboards and Mobi tablets for Chinese Classrooms
2012  Italian Language table

2013  Digital Communication in the Systems Age
2013  Free interactive online chemistry, Part II
2013  Andover Institute pilot: Supporting faculty engagement and project development
2013  Expansion of Art for Expression

2014  Funding to support the growth of ISEEN, a PA-sponsored educator’s network
2014  College Counselor education workshop

2015  Historical Currency and Hands-on Learning

2016  Short documentary about biology, featuring Tom Cone
2016  School Ground website for creating study groups
2016  Short film to guide aspiring scientists and engineers
2016  Sykes Scholars pilot group

2018  Remote observing for astronomy research
2018  Funds to attend 2019 Mathematics Teaching and Learning Institute
2019  Math teacher professional development conference
2019  Purpose and proficiency in Spanish curriculum

2021  Abbot Initiative in Mathematics (AIM): A virtual celebration of mathematics for younger students
2021  ASC-a-Peer: Peer tutoring platform
2021  Initiative in Mathematics

2022  STEM lab kits
2022  CCD camera for the Phillips Academy observatory

2023  Ambient Belonging: An Agriculture and Technology Partnership to Increase Participation in Computing
2023  Level Up: Recalibrating Spanish Language Proficiency Testing
2023  Open Knowledge Map: Guide to free online learning resources
2023  Kickstarting Conference Accessibility for Phillips Academy Model U.N.
2023  Fast Imager for the Phillips Academy Observatory