

# Stanford

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## Robert Chase

Emile Holman Professor of Surgery, Emeritus  
Surgery - Anatomy

### CONTACT INFORMATION

- **Alternate Contact**

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### Bio

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### ACADEMIC APPOINTMENTS

- Professor Emeritus, Surgery - Anatomy

### ADMINISTRATIVE APPOINTMENTS

- Chairman Department of Surgery, Stanford University School of Medicine, (1963-1974)
- Emile Holman Professor of Surgery, Stanford University School of Medicine, (1964- present)

### HONORS AND AWARDS

- Francis Gilman Blake Award, Yale University School of Medicine (1962)
- Henry J. Kaiser Award for Innovation in Teaching, Stanford University School of Medicine (1978,77,80,81,86,90,91)
- Golden Apple Award, California Medical Association (1991)
- Albion WalterHewlett Award, Stanford University School of Medicine (1991)
- Pettee Award as Outstanding Alumnus, University of New Hampshire (1998)
- Honored Member, Association of Clinical Anatomy (1991)
- Honored Member, American Association of Plastic Surgeons (1991)
- Dedication of Robert A. Chase Hand Center, Stanford University Medical Center (2002)
- Alpha Omega Alpha, Yale School of Medicine (1947)
- Phi Beta Kappa, University of New Hampshire (1970)

### PROFESSIONAL EDUCATION

- Doctor of Science, University of New Hampshire , Medicine (1994)
- M.D., Yale School of Medicine , Medicine (1947)
- B.S. cum laude, University New Hampshire , Pre Medicine (1945)

### COMMUNITY AND INTERNATIONAL WORK

- B.K. Rank Visiting Professor, Australia & New Zealand

- Visiting Professor, Riad, Saudi Arabia
- Visiting Professor, South Africa
- Visiting Surgeon, Vellore South India

## Research & Scholarship

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### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Research in teaching technology

Computer assisted teaching programs

## Publications

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### PUBLICATIONS

- **Harry J. Buncke, MD - July 16, 1922 to May 18, 2008 - In memoriam** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*  
Chase, R. A.  
2008; 33A (7): 1245
- **In remembrance: Lawrence Mathers, MD, PhD - Obituary** *CLINICAL ANATOMY*  
Chase, R. A.  
2008; 21 (2): 207-8
- **The David L. Bassett Stereoscopic Atlas of Human Anatomy: Developing a Specialized Collection within the Stanford MediaServer Digital Library** *7th ACM/IEEE Joint Conference on Digital Libraries*  
Durack, J. C., Kung, S., Chase, R. A., Ladd, A. L., Krebs, M., Dev, P.  
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- **LUCY: A 3-D pelvic model for surgical simulation** *JOURNAL OF THE AMERICAN ASSOCIATION OF GYNECOLOGIC LAPAROSCOPISTS*  
Heinrichs, W. L., Srivastava, S., Dev, P., Chase, R. A.  
2004; 11 (3): 326-331
- **Plastic surgeons in American hand surgery: The past, present, and future** *68th Annual Meeting of the American-Society-of-Plastic-and-Reconstructive-Surgeons*  
Chang, J., Hentz, V. R., Chase, R. A.  
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- **Vesalius and Calcar.** *The Pharos of Alpha Omega Alpha-Honor Medical Society. Alpha Omega Alpha*  
Chase, R. A.  
1996; 59 (3): 43-?
- **Medical education and the National Boards.** *The Pharos of Alpha Omega Alpha-Honor Medical Society. Alpha Omega Alpha*  
Chase, R. A.  
1992; 55 (2): 43-?
- **RUMINATIONS OF A TEACHING SURGEON** *WESTERN JOURNAL OF MEDICINE*  
Chase, R. A.  
1992; 156 (3): 314-315
- **GROSS-ANATOMY IN MEDICAL-EDUCATION** *AMERICAN SURGEON*  
Beahrs, O. H., Chase, R. A., Ger, R.  
1986; 52 (5): 227-232
- **SKIN AND SOFT-TISSUE COVERAGE - RETROSPECTIVE** *CLINICS IN PLASTIC SURGERY*  
Chase, R. A.  
1986; 13 (2): 195-203
- **Historical review of skin and soft tissue coverage of the upper extremity.** *Hand clinics*  
Chase, R. A.

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- 1985; 1 (4): 599-608
- **THE DEVELOPMENT OF TISSUE TRANSFER IN HAND SURGERY** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*  
Chase, R. A.  
1984; 9A (4): 463-477
  - **COSTS, RISKS, AND BENEFITS OF HAND SURGERY** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*  
Chase, R. A.  
1983; 8 (5): 644-648
  - **BELABORING A PRINCIPLE** *ANNALS OF PLASTIC SURGERY*  
Chase, R. A.  
1983; 11 (3): 255-260
  - **PRECURSORS TO THE ADVANCES IN PLASTIC AND RECONSTRUCTIVE SURGERY** *WESTERN JOURNAL OF MEDICINE*  
Chase, R. A.  
1982; 136 (1): 58-58
  - **The Stanford integrated plastic surgery program--history and philosophy.** *Annals of plastic surgery*  
Chase, R. A.  
1981; 7 (2): 97-98
  - **PAPER-AND-PENCIL EXAMINATIONS - WHAT THEY CAN AND CANNOT DO** *SURGERY*  
Chase, R. A.  
1981; 89 (6): 771-772
  - **THE TREATMENT OF CONTRACTURES OF THE HAND USING SELF-HYPNOSIS** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*  
Spiegel, D., Chase, R. A.  
1980; 5 (5): 428-432
  - **A DYNAMIC MYOCUTANEOUS FLAP FOR HAND RECONSTRUCTION** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*  
Chase, R. A., Hentz, V. R., APFELBERG, D.  
1980; 5 (6): 594-599
  - **How U.S. law affects FMGs.** *Bulletin of the American College of Surgeons*  
Chase, R. A.  
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  - **SURGICAL TRANSPLANTATION OF WARTS** *PLASTIC AND RECONSTRUCTIVE SURGERY*  
NOE, J. M., Chase, R. A.  
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  - **Validity of certification--will the feds believe us?** *Federation bulletin*  
Chase, R. A.  
1978; 65 (6): 163-171
  - **Unnecessary surgery.** *Annals of plastic surgery*  
Chase, R. A.  
1978; 1 (1): 12-13
  - **Taking action on physician incompetence.** *The Hospital medical staff*  
Chase, R. A.  
1977; 6 (10): 18-25
  - **A noble catalyst dies.** *Bulletin of the American College of Surgeons*  
Chase, R. A.  
1977; 62 (6): 28-29
  - **REEXAMINATION-RECERTIFICATION - MEASUREMENT OF PROFESSIONAL COMPETENCE AND RELATION TO QUALITY OF MEDICAL-CARE** *ARCHIVES OF SURGERY*  
Chase, R. A., Burg, F. D.

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1977; 112 (1): 19-25

- **Letter: Specialty boards.** *JAMA : the journal of the American Medical Association*  
Chase, R. A.  
1976; 236 (11): 1236-1237
- **Letter: Excessive specialization.** *New England journal of medicine*  
Chase, R. A.  
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- **[Accurate reconstruction of traumatic bony contour defects of periobital area with prefabricated silastic].** *Zentralblatt für Chirurgie*  
Laub, D. R., Spohn, W., Lash, H., Weber, J., Chase, R. A.  
1976; 101 (12): 738-743
- **INTERACTIVE DATA-ANALYSIS COMPUTERS & INDUSTRIAL ENGINEERING**  
LUDWIG, H. R., NOE, J. M., Chase, R. A.  
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- **Sounding board: Role of the autopsy in the teaching of gross anatomy.** *New England journal of medicine*  
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Chase, R. A., Moore, F. D., ANLYAN, W. G., Warren, R., DUVAL, M. K.  
1974; 59 (2): 16-20
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- **Tendon injuries.** *Proceedings of the Mine Medical Officers' Association*  
Chase, R. A.  
1972; 51 (411): 14-15
- **Treatment of acute hand injuries.** *Proceedings of the Mine Medical Officers' Association*  
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- 1971; 70 (4): 506-?
- **EARLY SALVAGE IN ACUTE HAND INJURIES WITH A PRIMARY ISLAND FLAP** *PLASTIC AND RECONSTRUCTIVE SURGERY*  
Chase, R. A.  
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  - **GRADUATE TRAINING AND TEACHING PHYSICIAN REIMBURSEMENT** *SURGERY*  
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  - **SURGICAL COUNCIL AND BASIC SURGICAL EXAMINATION** *JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*  
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  - **Palmar-shelf arthroplasty of the wrist in rheumatoid arthritis. A report of nine cases.** *journal of bone and joint surgery. American volume*  
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  - **EVALUATION OF MUSCLE STIMULATION IN REHABILITATION OF PATIENTS WITH HYPERNASAL SPEECH** *PLASTIC AND RECONSTRUCTIVE SURGERY*  
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  - **IM AGAINST A RIGID CORE CURRICULUM PRIOR TO SPECIALTY TRAINING IN PLASTIC SURGERY** *PLASTIC AND RECONSTRUCTIVE SURGERY*  
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  - **REHABILITATION BEGINS WITH INITIAL CARE** *JOURNAL OF TRAUMA*  
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  - **Reconstructive procedures after irreversible nerve damage in the upper extremity.** *Clinical neurosurgery*  
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  - **CORE KNOWLEDGE PRINCIPLE AND EROSION OF SPECIALTY BARRIERS IN SURGICAL TRAINING** *ANNALS OF SURGERY*  
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  - **TRAUMA WORKSHOP REPORT - LONG-RANGE MANAGEMENT AND REHABILITATION** *JOURNAL OF TRAUMA*  
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- **Rehabilitation of the forgotten cleft child.** *Rehabilitation record*  
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- **Pharyngeal flap surgery: a review of the literature.** *Cleft palate journal*  
YULES, R. B., Chase, R. A.  
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- **Flexibility in surgical planning for velopharyngeal incompetence.** *Cleft palate journal*  
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- **AN ALTERNATE TO POLLICIZATION IN SUBTOTAL THUMB RECONSTRUCTION** *PLASTIC AND RECONSTRUCTIVE SURGERY*  
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- **PAYING PATIENT AND SURGICAL TEACHING** *AMERICAN JOURNAL OF SURGERY*  
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- **A TRAINING METHOD FOR REDUCTION OF HYPERNASALITY IN SPEECH** *PLASTIC AND RECONSTRUCTIVE SURGERY*  
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- **PRIVATE PATIENT AND SURGICAL TRAINING** *JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*  
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- **A DEHYPERNASALITY TRAINER** *BEHAVIOR RESEARCH METHODS & INSTRUMENTATION*  
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- **The damaged index digit. A source of components to restore the crippled hand.** *journal of bone and joint surgery. American volume*  
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- **QUANTITATIVE CINE EVALUATION OF PALATE AND PHARYNGEAL WALL MOBILITY IN NORMAL PALATES IN CLEFT PALATES AND IN VELOPHARYNGEAL INCOMPETENCY** *PLASTIC AND RECONSTRUCTIVE SURGERY*  
YULES, R. B., Chase, R. A.  
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- **QUANTITATIVE CINE RADIOGRAPHIC EVALUATION OF VELOPHARYNGEAL INCOMPETENCE** *PLASTIC AND RECONSTRUCTIVE SURGERY*  
YULES, R. B., Northway, W. H., Chase, R. A.  
1968; 42 (1): 58-?
- **FURTHER EXPERIENCE WITH GENERAL BODY HYPOTHERMIA IN TREATMENT OF MASSIVE GASTROINTESTINAL HEMORRHAGE**  
Mark, J. B., GAISFORD, W. D., Knauer, C. M., Chase, R. A.  
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- **PRELIMINARY HISTOPATHOLOGICAL OBSERVATION OF Q-SWITCHED RUBY LASER RADIATION ON DERMAL TATTOO PIGMENT IN MAN**  
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- **RENAL TRANSPLANTATION IN RATS WITH USE OF MICROSURGICAL TECHNIQUES - A NEW METHOD** *SURGERY*

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- **UNILATERAL CONGENITAL ORBITAL CYST WITH MICROPHTHALMOS** *PLASTIC AND RECONSTRUCTIVE SURGERY*  
Briggs, R. M., Chase, R. A., DELLAPOR, A.  
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  - **FATE OF AUTOGENOUS WHOLE JOINTS TRANSPLANTED BY MICROVASCULAR ANASTOMOSES** *PLASTIC AND RECONSTRUCTIVE SURGERY*  
Buncke, H. J., DANILLER, A. I., SCHULZ, W. P., Chase, R. A.  
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  - **EXPANDED CLINICAL AND RESEARCH USES OF COMPOSITE TISSUE TRANSFERS ON ISOLATED VASCULAR PEDICLES**  
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  - **TRANSPLANTATION AND PLASTIC SURGERY**  
Chase, R. A.  
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  - **USE OF COMBINED PALATAL PUSHBACK AND PHARYNGEAL FLAP OPERATION - A PROGRESS REPORT** *PLASTIC AND RECONSTRUCTIVE SURGERY*  
BUCHHOLZ, R. B., Chase, R. A., JOBE, R. P., Smith, H.  
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  - **USE OF BONE GRAFTS IN RECONSTRUCTION OF BONY ARCHITECTURE OF WRIST AND HAND** *SURGERY GYNECOLOGY AND OBSTETRICS WITH INTERNATIONAL ABSTRACTS OF SURGERY*  
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  - **SMALL BLAST INJURIES** *PLASTIC AND RECONSTRUCTIVE SURGERY*  
Dibbell, D. G., Chase, R. A.  
1966; 37 (4): 304-?
  - **A MODIFICATION OF THE COMBINED PUSHBACK AND PHARYNGEAL FLAP OPERATION.** *Plastic and reconstructive surgery*  
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  - **The management of congenital cleft lip and palate deformity.** *Connecticut medicine*  
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  - **The hand in systemic disease.** *journal of bone and joint surgery. American volume*  
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  - **THE HAND IN SYSTEMIC DISEASE** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*  
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- **An objective evaluation of palatopharyngeal competence.** *Plastic and reconstructive surgery and the transplantation bulletin*  
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- **VASCULAR DISORDERS OF THE UPPER EXTREMITY** *SURGICAL CLINICS OF NORTH AMERICA*  
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1960; 40 (2): 471-482
- **FUNCTIONAL LEVELS OF AMPUTATION IN THE HAND** *SURGICAL CLINICS OF NORTH AMERICA*  
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1960; 40 (2): 415-423
- **MANAGEMENT OF NERVE INJURIES IN THE UPPER EXTREMITY** *SURGICAL CLINICS OF NORTH AMERICA*  
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1960; 40 (2): 287-295
- **Bilateral amputation in rehabilitation of paraplegics.** *Plastic and reconstructive surgery and the transplantation bulletin*  
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1959; 24: 445-455
- **The early treatment of hand injuries.** *Medical bulletin of the U. S. Army, Europe. United States. Army, Europe. Medical Division*  
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1956; 13 (10): 241-244
- **Recent advances in the treatment of breast cancer.** *Medical bulletin of the U. S. Army, Europe. United States. Army, Europe. Medical Division*  
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1956; 13 (3): 69-73
- **The management of acute hand injuries.** *Connecticut state medical journal*  
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