

CURRICULUM VITAE

*SIR JOHN Y. H. ISMAIL, DMD, MS, PHD,
FACD, FICD, FICOI, DICOI, FAAIP, MAAIP, FRCM
Professor emeritus of prosthodontics,
University of Pittsburgh
School of Dental Medicine*

BIOGRAPHICAL

NAME: John Y. H. Ismail
B.D.S., M.S., D.M.D., Ph.D.

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POSITION & TITLE:

- Professor and Chairman Emeritus,
Department of Prosthodontics and
Past Director, Prosthodontic Residency Program
School of Dental Medicine
University of Pittsburgh
Pittsburgh, PA 15261
- Director, reconstructive Dentistry Institute,
9406 W. Lake Mead Blvd., Suite #105
Las Vegas, Nevada 89134

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EDUCATION AND TRAINING

UNDERGRADUATE:

5/1959	Cairo University, College of Dentistry	B.D.S.	Dentistry
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GRADUATE:

12/1965	Univ. of Pittsburgh, School Of Dental Medicine, Pittsburgh, Pennsylvania	M.S.	Prosthodontics
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5/73	Univ. of Pittsburgh, School Of Dental Medicine, Pittsburgh, Pennsylvania	D.M.D.	Dental Medicine
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5/1975	Univ. of Pittsburgh, School Of Education, Pittsburgh, Pennsylvania	Ph.D.	Higher Ed. & psychology
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POST GRADUATE:

July, 1959 to June, 1960	University of Cairo Health Center	General Practice Residency
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July, 1962 to June, 1965	University of Pittsburgh Medical Center Pittsburgh, Pennsylvania	Prosthodontics Residency
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APPOINTMENTS, and POSITIONS

ACADEMIC:

1960-1962	Dept. of Prosthodontics and Dental Materials, Faculty of Dentistry, Cairo University, Cairo, Egypt	Instructor
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1962-1965	Dept. of Prosthodontics, School of Dental Medicine, Univ. of Pittsburgh,	Instructor
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Pittsburgh, Pennsylvania.

1966-1969	Dept. of Prosthodontics, School of Dental Medicine, Univ. of Pittsburgh Pittsburgh, Pennsylvania.	Assistant Professor
1970-1974	Dept. of Prosthodontics, School of Dental Medicine, Univ. of Pittsburgh Pittsburgh, Pennsylvania.	Associate Professor
1970-2004	Member of Graduate Faculty, School of Dental Medicine, Univ. of Pittsburgh, Pittsburgh, Pennsylvania	Graduate Faculty
1971-2004	Prosthodontics Residency Program, School of Dental Medicine, Univ. of Pittsburgh, Pittsburgh, Pennsylvania.	Director
1973-2004	Dept. of Prosthodontics, School of Dental Medicine, Univ. of Pittsburgh, Pittsburgh, Pennsylvania.	Chairman
1975-2004	Dept. of Prosthodontics, School of Dental Medicine, Univ. of Pittsburgh, Pittsburgh, Pennsylvania.	Professor
1977-1979	Curriculum Committee, School of Dental Medicine, Univ. of Pittsburgh, Pittsburgh, Pennsylvania	Chairman
1983-1999	University Oral Implantology Center, School of Dental Medicine, Univ. of Pittsburgh, Pittsburgh, Pennsylvania.	Director
1995-2001	International Affairs, School of Dental Medicine, Univ. of Pittsburgh, Pittsburgh, Pennsylvania.	Director
1995-2001	Graduate Dental Education, School Of Dental Medicine, University of Pittsburgh, Pittsburgh, Pennsylvania.	Director
1995-1998	Academic Affairs, School of Dental Medicine, University of Pittsburgh, Pittsburgh, Pennsylvania.	Director
2005- Present	Professor Emeritus of Prosthodontics, University of Pittsburgh.	

NON-ACADEMIC POSITIONS :

1966-2004	University of Pittsburgh, School of Dental Medicine, Division of Continuing Education, Pittsburgh, PA.	Lecturer
1969-2004	Oakland VA Medical Center, Department of Dentistry, Pittsburgh, PA.	Consultant
1969-2004	Highland VA Medical Center, Department of Dentistry, Pittsburgh, PA.	Consultant
1982-1995	American Academy of Implant Prosthodontics,	Academic Advisor
1983-1988	American Dental Association, Council On Dental Materials, Instruments and Devices	Consultant

CERTIFICATION AND LICENSURE

SPECIALITY:

PROSTHODONTICS UNIVERSITY OF PITTSBURGH, PENNSYLVANIA 1965

DENTAL or OTHER PROFESSIONAL LICENSURE:

DENTISTRY	NORTHEAST REGIONAL BOARDS	1973
DENTISTRY	PENNSYLVANIA STATE BOARD	1973
DENTISTRY	NEVADA STATE BOARD	2004

PRACTICE OF DENTISTRY

1968-1973 Private practice (limited to Prosthodontics),
Faculty Practice, School of Dental Medicine,
University of Pittsburgh, Pittsburgh, Pittsburgh,

1974-1997 PA 15261
Private practice (limited to Prosthodontics and
Implantology), St. Margaret's Hospital, Pittsburgh,
PA 15215

1998-2004 Private practice (limited to Esthetic, Implant and
Reconstructive Dentistry) UDHS, School of Dental
Medicine, University of Pittsburgh, Pittsburgh, PA
15261.

MEMBERSHIPS in PROFESSIONAL and SCIENTIFIC ORGANIZATIONS

<u>Organization</u>	<u>Year</u>
Egyptian Dental Association	1959-1968
Egyptian College of Dental Surgeons	1960-1968
International Assoc. for Dental Research	1964-present
American Association for Dental Research	1964-present
American Dental Education Association	1966-present
American Assoc for the Advancement of Science	1967-1979
American Prosthodontic Society	1970-present
Mid-West Academy of Prosthodontics (Charter Member)	1971-1986
International Association for Study of Dento-Facial Abnormalities	1971-1980
American College of Prosthodontists	1971-present
American Dental Association	1973-present
Pennsylvania Dental Association	1973-present
Dental Society of Western Pennsylvania	1973-present
Sigma XI - The Scientific Research Society Of North America	1973-1990
Prosthodontic Society of Western Pennsylvania (Charter Member and Founder)	1975-present

International Congress of Oral Implantologists	1978-present
Pennsylvania Prosthodontic Organization (Charter Member and Founder)	1981-present
American Academy of Implant Prosthodontics, (Charter Member)	1982-1999
American College of Oral Implantologists, (Charter Member and Founder)	1983-present
Academy of Osseointegration	1987-present
American Society of Osseointegration	1988-1996
Nevada Dental Association	2005-present
Southern Nevada Dental Society	2005-present

OFFICES HELD IN PROFESSIONAL ORGANIZATIONS

International Association for Dental Research

- (1) Secretary-Treasurer, 1971-1972 (Pittsburgh Chapter)
- (2) Vice President, 1972-1973 (Pittsburgh Chapter)
- (3) President, 1973-1974 (Pittsburgh Chapter)
- (4) Session Chairman, 1989, 1990, & 1995 Annual Scientific Sessions

International Association for the Study of Dento-Facial Abnormalities

- (1) Treasurer 1971-1974
- (2) Member of Board of Directors, 1971-1975

Mid-West Academy of Prosthodontics

- (1) Member, Committee on Literature and Research, 1972-1973
- (2) Chairman, Committee on Literature and Research, 1973-1974
- (3) Program Chairman, 1980

American Dental Education Association - Removable Prosthodontic Section

- (1) Chairman of Regional Section (East-Central Region) 1973-1975
- (2) Member of Board of Directors - 1975-1978

American Dental Education Association - Behavioral Sciences Section

- (1) Member of Board of Directors, 1979-1981
- (2) Editor - Behavioral Science in Dentistry - 1980-1981

Prosthodontic Society of Western Pennsylvania

- (1) Chairman, Board of Directors, 1975-1976

- (2) President, 1975-1976
- (3) Member, Board of Directors, 1975-1979

Dental Society of Western Pennsylvania

- (1) Member-Laboratory Relations Committee, 1978-1980
- (2) President-East End Branch, 1980-1981
- (3) Member-Board of Directors, 1981-1986

Pennsylvania Prosthodontic Organization

- (1) President, 1981-1982
- (2) Chairman, Board of Directors, 1981-1982
- (3) Member - Board of Directors, 1982-1986

American Dental Association - Council on Dental Materials and Devices

- (1) Consultant, 1983-1988

International Congress of Oral Implantology

- (1) Member - Board of Directors, 1984-1996
- (2) Chairman - International Sections, 1984-1986
- (3) Vice President, 1986-1987
- (4) President, 1988 and 1989
- (5) Chairman - President's Planning Committee, 1990-1992
- (6) Scientific Program Chairman - World Congress - London, 1991
- (7) Scientific Program Chairman - World Congress-Sydney, Australia, 1992

American College of Oral Implantologists

- (1) Founder, 1984
- (2) President, 1984-1986
- (3) Member - Board of Directors, 1984-1992
- (4) Chairman - Board of Directors, 1986-1989

American College of Prosthodontists

- (1) Member - Committee on Implant Prosthetics, 1988-1992
- (2) Member - Committee on Prosthodontic Research, 1990-1994

American Academy of Implant Prosthodontics

- (1) President-Elect, 1989
- (2) Scientific Program Chairman, 1990
- (3) President, 1990 - 1991
- (4) President, 1991 - 1992
- (5) Member-Board of Directors, 1990-present
- (6) Chairman-Board of Directors, 1998-2000

American Society of Osseointegration

- (1) Member - Advisory Board, 1989-1996

HONORS:

	<u>Year</u>
American Prosthodontic Society - International Circuit Courses Humanities Citation	1977
Member, Omicron Kappa Epsilon Honorary Dental Society	1979
Fellow, German Society of Oral Implantologists	1985
Fellow, Venezuela Implant Organization	1986
Fellow, Columbia Implant Society	1986
Professor of Prosthodontics & Implantology European University, Brussels, Belgium	1987
Honorary President, Egyptian Society of Oral Implantologists	1987
Honor Convocation, University of Pittsburgh	1986
Honor Convocation, University of Pittsburgh	1987
Honor Convocation, University of Pittsburgh	1988
Honor Convocation, University of Pittsburgh	1990
Honor Convocation, University of Pittsburgh	1991
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Honor Convocation, University of Pittsburgh	1997
Honor Convocation, University of Pittsburgh	1998
Honor Convocation, University of Pittsburgh	1999
Honor Convocation, University of Pittsburgh	2000
Honor Convocation, University of Pittsburgh	2001

Honorary President, Israeli Implant Association	1990
Fellow, Israeli Implant Association	1990
Merit Award, presented by the American Academy Of Implant Prosthodontics	1990
Sir Ismail, The Knights of Malta, Order of Saint John of Jerusalem	1991
Fellow, Australian Society of Implant Dentistry	1991
Honorary Professor, West China University of Medical Sciences, People's Republic of China	1994
Visiting Professor, Faculty of Stomatology, Hubei Medical University, Wuhan, People's Republic of China.	1994
Recipient of Chancellor's Distinguished Public Service Award, University of Pittsburgh, Pittsburgh, PA	1995
Listed in Who's Who in the East	1995
Listed in Who's Who in America	1995
Listed in Who's Who in the World	1995
Honorary Captain of the Belle of Louisville, Kentucky (Jefferson County)	1996
Honorary Colonel, Honorable Order of Kentucky Colonels	1996
Honorary President, Alexandria Oral Implantology Association	1996
Recognition Award from the Primate Research Institute in Buenos Aires, Argentina	1996
Member, Board of Directors, Primate Research Institute, Buenos Aires, Argentina	1997
Sir Ismail, Knight Commander of Grace, Order of Saint John of Jerusalem	2000
Honorary President, Alexandria Oral Implantology Association	2001

H.E. Grand Prior of America, Knights of Malta, 2004
Order of Saint John of Jerusalem

FELLOWSHIPS:

	<u>Year</u>
Fellow, International College of Dentists	1975-present
Fellow, International Congress of Oral Implantologists	1978-present
Diplomate, International Congress of Oral Implantologists	1978-present
Fellow, American College of Dentists	1982-present
Fellow, Royal Society of Medicine, London, England	1984-present
Fellow, American College of Oral Implantologists	1984-present
Fellow, American Academy of Implant Prosthodontics	1987-present
Master, American Academy of Implant Prosthodontics	1988-present
Fellow, Pierre Fauchard Academy	1989-present
Fellow, American Society of Osseointegration	1989- 1996
Fellow, Academy of Osseointegration	1989-present

PUBLICATIONS

(A) Refereed Articles:

- Ismail, Y. H., "Dental Education in the U.A.R.," Journal of Dental Education, 31, No.3, (1967), pp. 348-351.
- Ismail, Y. H., and George, W.A., "The Consistency of the Swallowing Technique in Determining Occlusal Vertical Dimension in Edentulous Patients," Journal of Prosthetic Dentistry, 19, No.3, (1968), pp. 230-236.
- Ismail, Y. H., George, W.A., Sassouni, V., and Scott, R.H., "Cephalometric Study of the Changes Occurring in the Face Height Following Prosthetic Treatment--Part I: Gradual Reduction of Both Occlusal and Rest Face Heights," Journal of Prosthetic Dentistry, 19, No.4, (1968), pp. 231-330.
- Ismail, Y. H. and Sassouni, V., "Cephalometric Study of Face Height Following Prosthetic Treatment--Part II: Variability in the Rate of Face Height Reduction," Journal of Prosthetic Dentistry, 19, No.4, (April, 1968), pp. 331-337.
- Ismail, Y. H., and Bowman, J.F., "Position of the Occlusal Plane in Natural and Artificial Teeth," Journal of Prosthetic Dentistry, 20, No.4, (November, 1968).
- Ismail, Y. H., and Sotereanos, G.: "Archil Analysis in Cephalometric Roentgenography for Maxillo Mandibular Deformities," Journal of Prosthetic Dentistry, 12, No.2, (February, 1969), pp. 184-196.
- Ismail, Y. H., "Cephalometric Study of Changes Occurring in Face Height Following Prosthetic Treatment," Year Book of Dentistry, (1969), pp. 219-223.
- Ismail, Y. H., and Bowman, J.F., "Position of the Occlusal Plane in Natural and Artificial Dentitions," Year Book of Dentistry, (1970),
- Ismail, Y. H., "Changes in Soft Tissue Profile following Extraction and Complete Denture Treatment," Journal of Prosthodontic Dentistry, 26:11-20, 1971.
- Ismail, Y. H., "Changes in Soft Tissue Profile following Prosthetic Treatment," Year Book of Dentistry, (1972).
- Ismail, Y. H., "Effect of Complete Dentures on Eruption of Teeth and Jaws Development," Journal of Prosthetic Dentistry, 27: (April, 1972), volume

Guggenheimer, J., Ismail, Y. H., "Oral Ulcerations Associated with Indomethacin Therapy," Journal of American Dental Association. (April, 1975), volume.

Dabbous, R. Wasfy, A., and Ismail, Y. H., "Stress Behavior in Teeth Restored with Different Types of Post and Core," Alexandria Dental Journal, Volume 3, 1978.

Ismail, Y. H. and Rokni, A., "Condylar Position in Centric Relation and Centric Occlusion," Journal of Prosthetic Dentistry, Volume 3, 1980.

El-Arbi, E., Ismail, Y. H., Azarbal, M. and Saini, T.S., "Radiographic Detection of Porosities in Removable Partial Denture Frameworks," Journal of Prosthetic Dentistry, Vol. 54, No. 5, pp. 674-677, 1985.

Ismail, Y. H., Sotereanos, G. and Karabin, G, "Osseointegration in Oral Implantology," New York State Dental Journal, 52(10), 28-30, 1986.

Fernandes, R. J., Azarbal, M., Ismail, Y. H., and Curtin, H. D., "Cephalometric Radiographic Technique for Visualization of the Bucco-Lingual and Vertical Dimensions of the Mandible," Journal of Prosthetic Dentistry, Vol. 58, No. 4, pp. 466-470, 1987.

Ismail, Y. H., Pahountis, L. N. and Fleming, J. L., "Comparison of Two Dimensional and Three-Dimensional Finite Element Stress Analyses of a Blade Implant," The International Journal of Oral Implantology, 4:25-31, 1987.

Pipko, D., Ismail, Y. H., Hadeed, G. and El-Attar, S.: "Comparison of Pantographic and Stereographic Condylar Recording and Setting," Alexandria Dental Journal, July, 1988.

Ismail, Y. H.: "Current Root-Form Implants: Surgical and Prosthodontic Considerations," New York State Dental Journal, 55:4, April, 1989.

Zahed, T., Ismail, Y. H., Zaki, H. and Curtin, H., "Reproducibility of CAT Scan Models for Subperiosteal Implants," International J. Oral Implantology, Vol. 6:1, 17-19, 1989.

Harris, D., Ismail, Y. H., Zaki, H. and Curtin, H., "Comparative Study of CT Models and Impression Models for Subperiosteal Implants," International J. Oral Implantology, Vol. 6:1, 21-24, 1989.

Dietsch, F., Misch, C.; Piesco, M.; and Ismail, Y., "Surface Alteration during Blade Implant Modifications," International J. Oral Implantology, Vol. 6:1, 11-15, 1989.

Ismail, Y. H., "Predoctoral Curriculum Guidelines in Implant Dentistry," International J. Oral Implantology, Vol. 7:1, 67-70, 1990.

Clelland, N, Ismail, Y, Zaki, H. and Pipko, D., "Three Dimensional Finite Element Stress Analysis in and Around the Screw-Vent Implant", Int J. Maxillofac Implant, 6:4, 391-398, 1991.

Resnik, R., Misch, C., Misch, C., Ismail, Y. and Appel, B., "Postoperative Maxillary Cyst Associates with Maxillary Sinus Augmentation Procedure- A Case Report", J. Oral Implantology, 18:1, 432-437, 1992.

Awadalla, H., Azarbal, M, Ismail, Y. and Ibiari, W., "Three Dimensional Finite Element Analysis of a Cantilever Fixed Partial Denture", J. Prosth Dent 68:2, 243-248, 1992.

Misch, C., Misch, C., Resnik, R. and Ismail, Y., "Reconstruction of Maxillary Alveolar Defects With Mandibular Symphysis Grafts for Dental Implant: A Preliminary Procedural Report", Int J. Oral Maxillofac Implants, 7:3, 360-366, 1992.

Misch, C., and Ismail, Y. "Finite Element Analysis of Tooth to Implant Fixed Partial Denture Designs", Journal of Prosthodont, 2:83-92, 1993.

Ismail, Y., Azarbal, M., and Kapa, S. "Conventional Linear Tomography: Protocol for Assessing Endosseous Implant Sites". J. Prosth Dent 72:153-157, 1995.

Ismail, Y. "Host Tissue Response to Implant Restorations". Keio Journal of Medicine, Vol 46, No. 2.

Ismail, Y., and Yacoub, N. "Occlusal Consideration in Implant Prosthodontics". Dental News, Vol. V, Number III, 1998.

Siddiqui, A., Ismail, Y., and Kukunas, S. "Immediate loading of dental implants in the edentulous mandible: A preliminary case report from an international prospective multicenter study". Compendium Vol. 22, No. 10, October 2001.

Yacoub, N., Ismail, Y., Mao, J. "Transmission of Bone Strain in the Craniofacial Bones of Edentulous Human Skulls upon Dental Implant Loading". J Prosth Dent, 88:192-199, 2002.

Ertugrul, Z., and Ismail, Y. "An in vitro comparison of cast metal dowel retention using various luting agents and tensile loading". J. Prosth Dent 93:446-452, 2005.

(B) Abstracts of Scientific Research (refereed)

Ismail, Y. H., "Cephalometric Study of Face Height in Edentulous Patients after Prosthetic Treatment, (Abstract) Journal of Dental Research, (March, 1966).

Ismail, Y. H., "Cephalometric Study of Face Height in Edentulous Patients after Prosthetic Treatment," (Abstract) Journal of Dental Research, (March, 1967).

Ismail, Y. H., "Dental Education in Egypt," Dental Abstracts, (June, 1968).

Ismail, Y. H., et al, "Cephalometric Study of the Changes Occurring in Face Height Following Prosthetic Treatment," Oral Research Abstracts, (Oct. 1968).

Ismail, Y. H., and Bowman, J. F., "Position of the Occlusal Plane in Natural and Artificial Dentition," (Abstract) Journal of Dental Research, (March, 1968).

Ismail, Y. H., et al, "Reduced Rest Face Height," Dental Abstracts, 14, (Feb. 1969).

Ismail, Y. H., and Bowman, J. F., "Position of the Occlusal Plane in Natural and Artificial Dentition," Dental Abstracts, 15, (March 1969).

Ismail, Y. H., "Changes in Soft Tissue Profile following Extraction and Complete Denture Therapy," (Abstract) Journal of Dental Research, (March 1969).

Ismail, Y. H., et al, "Reduced Rest Face Height," Dental Abstracts, 14, (February, 1969).

Ismail, Y. H., and Bowman, J. F., "Position of the Occlusal Plane in Natural and Artificial Dentition," Dental Abstracts, 15, (March, 1969).

Ismail, Y. H., "Changes in Soft Tissue Profile following Extraction and Complete Denture Therapy," (Abstract) Journal of Dental Research, (March, 1969).

Ismail, Y. H., "Effect of Complete Dentures on Tooth Eruption and Jaw Development" (Abstract) Journal of Dental Research, (March, 1970).

Ismail, Y. H., "Denture Movement under Occlusal Forces," (Abstract) Journal of Dental Research, (March, 1971).

Ismail, Y. H., Zullo, T., and Kruper, D., "The Use of the PSI as a Predictor of Problem Denture Patients," (Abstract), Journal of Dental Research, (March, 1975).

Ismail, Y. H., and Rokni, A., "Condylar Position in Centric Relation and Centric Occlusion," (Abstract) Journal of Dental Research, (March 1978).

Dabbous, R., and Ismail, Y. H., "Stress Behavior in Teeth Restored with Different Types of Post and Core," (Abstract), Journal of Dental Research, (March 1979).

Baxter, J.C. and Ismail, Y. H., "The Effect of Complete Dentures on the Nutritional Status of Geriatric Edentulous Patients," (Abstract) Journal of Dental Research, (March, 1981).

Ismail, Y. H., Asaad, M.S., and Pahountis, L., "Influence of Resilient Liner on Stress Distribution in Mandibular Complete Denture," (Abstract) Journal of Dental Research, March 1986.

Ismail, Y. H., Michel, M.C., Hadeed, G. F. and Pahountis, L., "Three-Dimensional Finite Element Analysis of Blade Implants," (Abstract) Journal of Dental Research, March 1986.

Ismail, Y. H., El-Attar, M.S., Zaki, H.S., and Pahountis, L., "Three-Dimensional Finite Element Stress Analysis of TPS Implant," (Abstract) Journal of Dental Research, March, 1986.

Azarbal, M., Fernandes, R.J., Ismail, Y. H. and Curtin, M.D., "Cephalometric Radiographic Technique Visualizing Bucco-Lingual and Vertical Dimensions of the Mandible," (Abstract), Journal of Dental Research, March, 1987.

Hadeed, G., Ismail, Y., Garrana, H., and Pahountis, L. "Three Dimensional Finite Element Stress Analysis of Nobelpharma and Core-Vent Implants." (Abstract) Journal of Dental Research, March, 1988.

Zaki, H., Ismail, Y., Zahed, T. and Curtin, H., "Reproducibility of CT Scan Generated Bone Models of the Mandible." (Abstract), Journal of Dental Research, March, 1988.

Harris, D., Ismail, Y., Waricki, T. And Rehkepf, P., "Comparative Study of Generated Models through CT Scanning and Direct Bone Impressions," (Abstract) Journal of Dental Research, March, 1988.

Azarbal, M.; Zaki, H. and Ismail, Y. "The Role of TENS in Masticatory Muscle Relaxation". (Abstract), J. Den. Res. sp issue, March 1989.

Ismail, Y; Kukunas, S; Pipko, D. and Ibiari, W. Comparative Study of Various Occlusal Materials for Implant Prosthodontics. (Abstract) J. Dent. Res., sp issue, June 1989.

Clelland, N., Ismail, Y., Zaki, H. and Pipko, D., "Three Dimensional Finite Element Analysis of the Screw-Vent Implant." (Abstract), J. Dent. Res., sp. issue, March, 1990.

Clelland, N., Ismail, Y., Zaki, H. and Wall, J., "Comparison of Four Implants Using Finite Element Stress Analysis," (Abstract), J. Dent. Res., sp. issue, March, 1990.

Misch, C., Ismail, Y. and Ibiari, W., "Stress Analyses of Two Blade Implants with Increased Widths and Lengths of Their Neck Portions." (Abstract), J. Dent. Res., sp. issue, March, 1990.

Ismail, Y. H., Misch, C.M., Pipko, D. J. and Misch, C., "Stress Analysis of a Natural Tooth Connected to an Osseointegrated Implant in a Fixed Prosthesis." (Abstract), J.Dent.Res. sp. issue, March, 1991.

Ismail, Y. H., Resnik, R.R., Misch, C. and Zaki, H.S., "A Qualitative Comparison of Conventional and Computerized Tomography of the Maxilla and Mandible." (Abstract), J.Dent.Res. sp. issue, March, 1991.

Marshak, B., Ismail, Y., Blachere, J., Misch, C., and Pipko, D., "Corrosion Between Ti Alloy Implant Components and Substructure Alloy". (Abstract), J. Dent. Res., sp. issue 72, 1992.

Ismail, Y., Piesco, N., Ketzan, K., Krauser, J., and Agarwal, S., "Fibroblast Migration through Fine Different Tissue Barriers". (Abstract), J. Dent. Res., sp. issue 72, 1992.

Ismail, YH, Burleigh, TD, and Blachere, JR. "Stress Corrosion and Failure of Implant Abutment Screws". (Abstract). J Dent. Res., sp. issue, 1995.

Bessada, A., and Ismail, Y. "Microbiological Evaluation of Implant=s Fixture-Abutment Interface". (Abstract), J. Dent. Res., sp issue 75, 1996.

Bakri, H., and Ismail, Y., "Tissue Response to Dental Implants in Immunosuppressed Animal model". (Abstract), J. Dent Res., sp. issue 75, 1996.

Yacoub, N., Ismail, Y., Tassick, M., and Mao, J., "Biomechanical Stresses of Craniofacial Bones upon Dental Implant Loading", (Abstract) J. Dent. Res., sp. issue 78, 1999.

Kharchaf, M., Ismail, Y., Kukunas, S., Moncla, B., and Mao, J. "Use of Dental Cements to Seal the Implant/Abutment Interface Discrepancy", (Abstract) J. Dent Res., sp issue 78, 1999.

Yacoub, N., Ismail, Y., Mao, J. "Transmission of Bone Strain in Craniofacial Bones of Edentulous Human Skulls upon Dental Implant Loading", (Abstract), J. Dent Res., sp issue. 78, 1999

Al-Ajmi, M., Ismail, Y., Mao, J., and Zullo, T. "Perception of Magnitude of Loads on Endosseous Implants". (Abstract), J. Dent Res, sp issue, 2000.

Al-Abbas, H., Ismail, Y., Ali, M. "Tooth-implant Supported FPDs: A Meta-analysis of Published Research". (Abstract), J. Dent Res, sp issue, 2002.

(C)Reviews, Proceedings, Textbooks, and Monographs:

Ismail, Y. H., Washabauch, R. W. and Bickel, P: "Complete Denture Prosthesis - Clinical Procedures and Technology Manual," University of Pittsburgh, School of Dental Medicine, September, 1966.

Ismail, Y. H., and Washabaugh, R. W., "Establishing Occlusal Vertical Dimension in Edentulous Patients," Pennsylvania Dental Journal, 34, No. 4, April (1967), pp. 109-113.

Ismail, Y. H., et al, "Cephalometric Study of Face Height in Edentulous Patients," News Release, Bureau of Public Information, American Dental Assoc., (Feb. 1969).

Ismail, Y. H. et al, "Reduction of Face Height in Edentulous Patients," Bulletin, Midtown Dental Society, Chicago, Illinois (March 1969).

Ismail, Y. H. et al, "Reduced Rest Face Height," Bulletin, Odontological Society of Western Pennsylvania, (April, 1969).

Ismail, Y. H., "Changes in Face Height following Complete Denture Therapy," Oakland County Dental Society Review, (May 1969).

Sassouni, V. and Sotereanos, G. (authors), and Ismail, Y. H., et al "Management of Dento-Facial Abnormalities," Textbook published, January, 1974.

Ismail, Y. H.: "Syllabus of Removable Prosthodontics," Faculty and Students' Manual, University of Pittsburgh, School of Dental Medicine, Department of Prosthodontics, 1972, Revised 1974, 1979, 1981, 1987, 1991, and 1996.

Ismail, Y. H.: "An Assessment of Personality Variables in Complete Denture Patients," Ph.D. Dissertation, University of Pittsburgh, June, 1975.

Ismail, Y. H. et al: "Graduate Prosthodontic Manual," 1981, Revised 1986, 1991, and 1996.

Ismail, Y. H. and Rokni, A., "Radiographic Study of Condylar Position in Centric Relation and Centric Occlusion," Compendium Volume 16, American Equilibration Society, pp. 202-205, 1985.

Fagan, M. (Editor) and Ismail, Y. H. and Meffert, R. (Associate Editors): "Implant Prosthodontics: Surgical and Prosthetic Techniques," Year

Book Medical Publishers, Littleton, MA, 1990.

Ismail, Y. H. "Occlusal Considerations in Implant Prosthodontics," Chapter in Implant Prosthodontics," M. Fagan, Ed., Year Book Medical Publishers, Littleton, MA, Jan., 1990.

Ismail, Y. H. and Zaki, H.S. "Osseointegration in Maxillofacial Prosthetics," Dent. Cl. N. America, G.P. Argerakis, ed., April, 1990.

Ismail, Y. H.; Meffert, R.; and Misch, C.: "Press vs. Threaded Implants and Their Restorability," AGD update, Vol. 9:3, 1-9, 1990.

Ismail, Y. H. "Occlusion and Biomechanics in Implant Dentistry", Dent. Implant Update, Vol. 4:1, 1993.

Ismail, Y.H. Book review AProceedings of the 3rd European Workshop on Periodontology; Implant Dentistry@ J. Prosthodontics, 10 2001.

PROFESSIONAL ACTIVITIES

TEACHING:

FIRST PROFESSIONAL TEACHING:

Lectures to second and third-year dental students in complete denture prosthodontics, removable partial denture prosthodontics, occlusion, and implant prosthodontics.

Seminars and clinical demonstration/supervision in "Advanced Prosthodontics" for third and fourth year dental students.

Seminars and clinical demonstration/supervision in "Implant Dentistry" for third and fourth year dental students.

Seminars and clinical demonstration/supervision in "Management of TMD" for third and fourth year dental students.

GRADUATE TEACHING AND SUPERVISION:

Overall supervision of didactic teaching, clinical teaching, research and advising in the Graduate Prosthodontics Program.

Conference seminars in literature review, treatment planning, cranio-mandibular dysfunctions, implant prosthodontics, removable and fixed prosthodontics, and geriatrics.

Supervision, didactic and clinical teaching, and research advising in implant dentistry fellowship program; clinical supervision and demonstrations, and seminars in literature review, treatment planning, implant biomaterials, procedures, and prosthodontic procedures.

Consultant to graduate residents in orthodontics, periodontics, endodontics, and oral/maxillofacial surgery.

GRADUATE RESEARCH AND THESIS COMMITTEES:

Major advisor for numerous graduate prosthodontic residents' MDS research theses: Forty theses completed under my direction as of today. Several theses are in progress.

Committee member on several MDS research. Theses completed in the School of Dental Medicine in prosthodontics, orthodontics, and pedodontics, and in the Graduate School of Public Health.

Committee member on Ph.D. degree dissertations completed at the University of Pittsburgh (School of Dental Medicine and School of Education) and University of Cairo, and University of Alexandria, Egypt, and University of Ankara, Turkey

Chairmanship of completed MDS research theses:

- (1) Rokni, H. "Radiographic Study of Condylar Position in Centric Relation and Centric Occlusion", completed 1977.
- (2) El-Geriani, A., "Stress Distribution in Distal Extension Partial Dentures Utilizing Different Occlusal Rests", completed 1977.
- (3) Sagaan, L., "Vertical Stresses Transmitted by Distal Extension Partial Dentures to Supporting Structures", completed 1978.
- (4) Abbott, F., "Experimental Photoplastic Stress Analysis of Different Configurations of Blade Implants", completed 1978.
- (5) Yeh, C. C., "Formulae for Calculating Stresses on Anterior Fixed Partial Dentures", completed 1978.
- (6) Alaie, F., "Comparative Study of Three Methods for Fabricating Complete Dentures", completed 1978.
- (7) Baxter, J. C., "Effect of Complete Dentures on the Nutritional Intake of Geriatric Edentulous Patients", completed 1979.
- (8) Weaver, J., "A Measuring Instrument for Evaluation of Removable Partial Denture Design", completed 1979.
- (9) Tepper, M., "Differences in Setting Expansion of Cast Mounting Media", completed 1980.
- (10) Dowaisan, A., "Effect of Topical Fluorides on Glazed and Unglazed Porcelain", completed 1982.
- (11) Adrai, D., "Evaluation of the Reproducibility of Mandibular Border Movement by Pantographic Means", completed 1982.
- (12) Gendi, N., "Effect of Complete Dentures on Facial Soft Tissue Contours", completed 1983.
- (13) Turbi, O., "Effect of Topical Fluorides and PH of Saliva on Autoglazed and Overglazed Porcelain Restorations", completed 1983.
- (14) El-Arbi, A., "Radiographic Detection of Porosities in Removable Partial Denture Castings," completed 1984.
- (15) Asaad, M., "Finite Element Analysis of Transmitted Stresses in Complete Dentures and Their Supporting Structures", completed 1984.
- (16) Michel, M., "Three-Dimensional Finite Element Stress Analysis

of Blade Vent Implant and Its Supporting Structure", completed 1984.

(17) El-Attar, M., "Three-Dimensional Finite Element Stress Analysis of Screw-Type Implant System", completed 1984.

(18) Fernandez, R., "Tomographic Technique for Buccolingual Visualization of the Mandible and Maxilla", completed 1985.

(19) Zahed, T., "Accuracy of CT Scan Reproduced Mandible", completed 1986.

(20) Garrana, H., "Finite Element Analyses of Stress Distribution in and around Two Endosseous Implants", completed 1986.

(21) Harris, D., "Comparison of CT Scan Models and Impression Models", completed 1987.

(22) Seckinger, R., "A Three-Dimensional Finite Element Stress Analysis of the ISIS Endosseous Dental Implant", completed in 1989.

(23) Clelland, N., "Three-D Finite Element Stress Analysis of the Screw Vent Implant", completed 1989.

(24) Misch, Carl, "3-D Finite Element Stress Analyses of Two Blade Form Implant", completed 1989.

(25) Resnik, R., "Comparative Study of Conventional and Computerized Tomographic Techniques for Assessing Bone Quality", completed 1991.

(26) Misch, Craig, "3-D Finite Element Stress Analyses of Fixed Protheses Supported by Osseointegrated implant and a Natural Tooth", completed 1991.

(27) Marshak, B. "An In Vitro Study of Corrosion at the Implant-Abutment Interfaces", completed March 1994.

(28) Lai, S.K. "Assessment of Personality Variables in Dental Implant Prosthodontic Patients", completed June 1994.

(29) Bakri, H. "Response to Osseous Tissues to Dental Implants in Immunosuppressed Dogs", completed August 1995.

(30) Bessada, A. "Microbiological Evaluation of the Implant-Abutment Interface", completed June 1996.

(31) Yap, G. "Evaluating the Predictive Utility of Oral/Dental Examination Variables for Masticatory Function Following Treatment of Temporomandibular Disorders", completed June 1998.

- (32) Kharchaf, M. AIn Vitro Study of Dental Cements to Seal Discrepancies at the Implant/Abutment Interface under Static vs. Loading Condition@, completed April 1999.
- (33) Yacoub, N. AStress Analysis of Loaded Dental Implants Measured on the Buccal Cortical Bone in the Areas of Maxillary Premolars@, completed May 1999.
- (34) Al Awadhi, A. AEffects of Long term Use of Temporary Acrylic Removable Partial Denture@, completed May 1999.
- (35) Al Ajmi, M. APatients= Ability to Discriminate the Magnitude and Direction of Applied Loads to Individual Endosseous Implant@, completed March 2000.
- (36) Pergamalian, A. Athe Association between Bruxism, Wear Facets and Severity of Facial Pain in TMD Patients@, completed April 2000.
- (37) Al-Shaher, A. AAn In Vitro Evaluation of the Cytotoxicity of Propolis on PDL Cells and Pulp Fibroblasts@, Committee member, completed February 2001.
- (38) Al-Abbas, H. AA META-Analysis of Implant-Tooth Connected Fixed Partial Denture@, completed June 2001.
- (39) Lee, P. AElectronic Measurement of Occlusion and Muscle Activity on Patients Restored with Implant Prostheses@, Committee member, completed December 2001.
- (40) Aliev, A. ARadiographic Evaluation of Implant-Abutment Interface Using a Modified Intraoral Positioner@, completed July 2002.

RESEARCH:

1.

<u>Grants</u> <u>Funding</u>	<u>Years</u> <u>Inclusive</u>	<u>Source</u>
A) Funded (50,000.00)	1963-67	University of Cairo, Egypt
<u>Grant Title</u>		
Cephalometric Radiographic Study		

Projects Completed from this Grant:

Reliability of the Swallowing Technique for Establishing Vertical Dimension in Edentulous Patients, completed in 1965.

Cephalometric Roentgenographic Investigation of the Changes Occurring in Face Height after Prosthetic Treatment, completed in 1966.

Position of the Occlusal Plane before Extraction of the Teeth after Prosthetic Treatment, completed in 1967.

Cephalometric Study of Changes Occurring in the Soft Tissue Profile after Prosthetic Treatment, completed in 1968.

Denture Base Movement from Rest Position to Occlusal Position, completed in 1970.

B) Funded 1979-1984 University of Pittsburgh,
(\$45,000) Pittsburgh, PA

Grant Title:

Finite Element Stress Analyses in Dental Implant and Their Supporting Structures.

Projects Completed from this Grant:

Two Dimensional vs. Three Dimensional FESA in an Implant Model.

Three Dimensional FESA of Blade Implant.

Three Dimensional FESA of Branemark Implant.

Three Dimensional FESA of ScrewVent Implant.

Three Dimensional FESA of CoreVent Implant.

Three Dimensional FESA of IMZ Implant.

Three Dimensional FESA of ISIS Implant.

C) Funded 1982-1989 University of Pittsburgh,
(\$60,000) Pittsburgh, PA

Grant Title:

3-D FESA in Various Prosthodontic Restorations

Projects Completed from this Grant:

3-D FESA of implants= retained prosthesis.

3-D FESA of implant-tooth supported prosthesis.

3-D FESA of two modified plate implants.

3-D FESA of cantilever fixed prosthesis.

3-D FESA of implant restorations.

D) Funded 1988-1991 Ministry of Health
(\$12,000) Saudi Arabia

Grant Title:

3-D FESA of Complete Dentures, With Rigid & Resilient Liners

Projects Completed From this Grant:

E) Funded 1989-1992 ISIS, Inc.
(\$120,000) Pittsburgh, PA

Grant Title:

3-D Stress Analysis of Bone Density Imaging Techniques

Projects Completed From This Grant:

CAD-CAM Subperiosteal Implants.

Conventional vs Computerized Imaging of the Mandibular Maxilla.

Raster Stereographic Imaging of Direct Bone Cast and CT Casts.

3-D FESA of ISIS Implant.

Biomechanical Analysis of Stress Eliminating Space.

Comparative analysis of Stress Distribution in ISIS Implant.

F) Unfunded 1992-1998 University of Pittsburgh

Grant Title:

Microbial and Corrosion Studies of Implant Restorations

Projects Completed From this Grant:

Electron Microscopy Study of Implant-Abutment Discrepancy.

Microbial Proliferation at Implant-Abutment Interface.

Galvanic Corrosion in Implant Restorations.

PRESENTATIONS TO NATIONAL AND INTERNATIONAL ORGANIZATIONS

(a) Seminars and Invited Lectureships in USA

Dento-Facial Abnormalities, Interdisciplinary Approach to Diagnosis and Treatment, one day scientific program, Pennsylvania Dental Assn. Annual Meeting, Pittsburgh, PA, May 1972.

Complete Denture Prosthodontics Workshop, Participant in three day workshop, University of Michigan, Ann Arbor, MI, June 1-3, 1972. Prosthetic Management of Dento-Facial Abnormalities, Academy of Maxillofacial Prosthetics, Annual Meeting, Las Vegas, Oct. 1972.

Prosthetic Rehabilitation of Class II Patients, International Assn. of Dento-Facial Abnormalities, Washington, D.C., April 14, 1973.

Removable Prosthodontics, Meet the Experts, a scientific program, Pennsylvania Dental Assn. Annual Meeting, Poconos, PA, May 1973.

Pass-Fail Grading System in Clinical Prosthodontics, essay presented during the AADS-Prosthodontic Section, Annual Meeting, Atlanta, GA, April 1974.

Management of the Atrophic Mandible: Table clinic presentation, ADA Annual Meeting, Washington, D.C., Nov., 1974.

Behavioral Sciences in Prosthodontics, presented during the American Assn. of Dental Schools, March 1978.

Removable Partial Denture Prosthodontics, one day post-graduate course, Greater Miami Dental Society, Miami, Florida, Oct. 30, 1978.

Management of Partial Edentulism, one day post-graduate course, Second Annual Cuban Dental Convention, Miami, Florida, June 29, 1979.

Management of Total Edentulism, presentation to Midwest Academy of Prosthodontics, Pittsburgh, PA, Sept. 1980.

Critique of NERB Prosthodontic Examination, presentation to NERB Examiners and Dental Educators, Pittsburgh, PA, June 1980.

Cruise and Learn: Prosthodontics, one week post-graduate course, Caribbean Islands, Dec. 1980.

Critical Analysis of NERB Examination, presentation to NERB Examiners and Dental Educators, Providence, RI, June 1981.

Geriatric Dentistry, presentation to PA Public Health Service Assn.,

Harrisburg, PA, Aug. 1983.

Management of Atrophic Alveolar Ridges, presentation to the International Congress of Oral Implantologists, Las Vegas, NA, Sept. 29, 1983.

Subperiosteal Implant Symposium, two day post-graduate course (Program Chairman and Lecturer), I.C.O.I. and A.C.O.I. meeting, Dallas, TX, Sept. 21 & 22, 1984.

Cranio-Mandibular Dysfunctions, presentation to Pennsylvania Chiropractor Assn., Pittsburgh, PA, Oct. 5, 1984.
Stress Analysis of Dental Implants, presentation to American Academy of Implant Prosthodontics, Chicago, IL, Oct. 7 & 8, 1985.

Management of Edentulism, one day course, Miami Dental Society, Miami, FL, Feb. 10, 1986.

Osseointegration in Implant Prosthodontics, presentation to American Academy of Implant Prosthodontics, Las Vegas, NA, March 7-8, 1986.

Finite Element Analysis in Oral Implantology, presentation to American College Oral Implantologists, SnowMass, Colo., August 21-24, 1986.

Osseointegrated Implant Prosthodontics, presentation to American Academy Implant Prosthodontics, Chicago, IL, Sept. 26-28, 1986.

Finite Element Analysis of Osseointegrated Implants, presentation to American College of Oral Implantologists, Chicago, IL, August 21-23, 1987.

Finite Element Analyses of Various Endosseous Implants, presentation to American Academy Implant Dentistry, Las Vegas, NA, Oct. 5-9, 1987.

Occlusal Considerations in Implant Prosthodontics, presentation to International Congress of Oral Implantologists, Bahamas, Jan. 15-17, 1988.

Occlusion in Implant Prosthodontics, presentation to the American College of Oral Implantologists, Nashville, TE, Aug. 13-14, 1988.

Occlusal Controversies in Oral Implantology, presentation to the American Academy of Implant Dentistry, Washington, D.C., Oct. 12-15, 1988.

Occlusal Controversies in Oral Implantology, presentation to the American Academy of Implant Dentistry, Washington, D.C., Oct. 1988.

Prosthodontic Guidelines in Oral Implantology, presentation at the American Academy of Implant Prosthodontics, Atlanta, GA, Sept. 1988.

Occlusion in Implant Prosthodontics, presentation to the American College of Oral Implantologists, Nashville, TE, Aug. 1989.

Stress Analyses of Various Endosseous Implants, presentation at the Academy of Osseointegration, Dallas, TX, March 1989.

Biomechanics and Selection of Endosseous Implants for Optimal Occlusion, presentation at the American College of Oral Implantologists, Oakland, CA, Aug 1989.

Occlusal Considerations in Implant Prosthodontics, presentation at the American Academy of Implant Prosthodontics, San Francisco, Calif. Sept. 1989.

Application of Stress Analyses Studies in Implant Prosthodontics, presentation to Faculty, New York State University, New York, N.Y., October 26, 1989.

Graduate Education Programs in Implant Dentistry, presentation at the International Congress of Oral Implantologists. New York, N.Y., October, 1989.

Prosthetic Considerations for Implant Design and Selection, presentation at the Implant Center of Palm Beaches, Palm Beach, Fla., February 16-17, 1990.

Biomechanical Considerations in Implant Selection, presentation at the International Academy of Biomaterials and Implants, Charleston, SC, May 25-27, 1990.

Prosthetic Diagnosis and Treatment Planning for Implant Patients, presentation at the American College of Oral Implantologists, Chicago, IL, August 17-1990.

Implant Selection vs. Implant Therapy, presentation at the American Academy of Implant Prosthodontics, Pittsburgh, PA, September 14-16, 1990.

Implant Dentistry Curriculum Guidelines, presentation at the National Conference of GPR Directors, New York, NY, November 9, 1990.

Biomechanical Bases for Implant Selection, presentation at the Greater New York Academy of Prosthodontics, New York, NY, November 30, 1990.

Prosthodontic Diagnosis and Treatment Planning for Implant Patients, presentation at Brookdale Hospital, New York, NY, Jan. 11, 1991

Prosthodontic Guidelines in Implant Dentistry, presentation at the American College of Oral Implantologists, Dearborn, MI, August 1991.

Biomechanisms and Implant Dentistry, presentation at the American Academy of Implant Prosthodontics, Orlando FL, September 13, 1991.

Implant Dentistry: An Overview, presentation to Western Pennsylvania Legislators, Pittsburgh, PA, Sept. 19, 1991.

Implant Dentistry, presentation to Pitt Dental Alumni, Pittsburgh, PA, Oct. 18, 1991.

Implant Prosthodontics, presentation at Brookdale Hospital, New York, NY, Feb. 21, 1992.

Prosthodontic Principles and Oral Implantology, presentation to Pittsburgh Academy of Dentistry, Pittsburgh PA, Feb. 24, 1992.

Implant Dentistry Curriculum in Dental Schools, presentation at the AADS meeting, Boston, MA, March 8, 1992.

Implant Prosthodontics, Two days presentation to Detroit Prosthodontic Study Club, Troy, MI, May 8-9, 1992.

Implant Dentistry - Past, Present and Future, presentation at PDA meeting, Pittsburgh, PA, May 16, 1992.

Why Do Implants Fail?, presentation at the AAIP meeting, Las Vegas, NV, September 20, 1992.

Biomechanical Failures of Implants, presentation at ASO meeting, Philadelphia, PA, September 25, 1992.

Stress Analysis Studies on Various Implant, presentation at ASO meeting, Philadelphia, PA, September 25, 1992.

Occlusion in Implant Dentistry, presentation to Greater NY meeting, New York, NY, November 28, 1992.

Advances in Implant Prosthodontics, presentation at Brookdale Hospital, New York, NY, January 9, 1993.

Historical Review of Implant Dentistry, presentation at the AAIP Meeting, Baltimore, MD, Sept. 10, 1993.

Biomechanical Aspects of Implant Prosthodontics, presentation at Brookdale Hospital, New York, NY, Feb 5, 1994.

Biomechanical Considerations and Biting Forces in Implant Prosthodontics, presentation at AO Meeting, Orlando, FL, March 2,

1994.

Occlusion Guidelines in Implant Prosthodontics, presentation at the AAID Meeting, Newark, NY, June 4, 1994.

Fixed vs. Removable Implant Restorations, presentation at Greater New York Dental Meeting, New York, NY, Nov. 27, 1994.

Occlusion in Implant Dentistry, presentation in Louisville, Kentucky, June 9, 1996.

Host Tissue Reaction to Implant Restoration, presentation at Greater New York Dental Meeting, New York, NY, Nov. 1997.

b. Seminars and/or Lectures in Foreign Countries:

Occlusion in Complete Denture Prosthodontics, one day course presented to Graduate Prosthodontic Students, University of Cairo, Cairo, Egypt, Jan. 4, 1972.

Occlusion in Periodontics, one day course presented to Graduate Periodontic Students, University of Cairo, Cairo, Egypt, Jan. 6, 1972.

Removable Prosthodontics: New Trends, one day post-graduate course, Cairo University, Cairo, Egypt, Jan. 5, 1973.

Complete Denture Prosthodontics, one week post-graduate lectures and clinical demonstrations to faculty and students, Faculty of Dentistry, University of Marseille, Marseille, France, Jan. 22-26, 1973.

Occlusion in Complete Denture Prosthetics, Lecture presented to Marseille Dental Society, Marseille, France, Jan. 23, 1973.

Esthetics in Complete Dentures, Essay presented to the Dental Congress of Southern France, Marseille, France, Jan. 24, 1973.

Complete Denture Prosthodontics, three day post-graduate course to faculty members, Faculty of Dentistry, University of Geneva, Geneva, Switzerland, Jan. 29-31, 1973.

Aging Process Leading to Loss of Vertical Height, Essay presented during the 3rd scientific meeting of International Assn. for Dento-Facial Abnormalities, Paris, France, May 1974.

Management of Temporomandibular Joint Dysfunction, Essay presented to graduate prosthodontic students, Cairo University, Cairo, Egypt, Aug. 1974.

Management of Partial Edentulism, one day continuing education course, Faculty of Dentistry Cairo University, Cairo, Egypt, Aug. 1974.

Occlusion in Dentistry: Philosophies and Clinical Applications, one week post-graduate lectures and clinical demonstrations to faculty and students, Faculty of Dentistry, University of Marseille, Marseille, France, Jan. 1975.

Impressions for Complete Dentures, Essay presented to the Dental Congress of Southern France, Marseille, France, Jan. 1975.

Occlusion in Dentistry, one week post-graduate lectures to faculty and students, School of Dentistry, University of Paris, VII, Paris, France, Jan. 1975.

Prosthodontic Management of the Aging Face, Essay presented during the International Plastic Surgery Conference of the Aging Face, Mexico City, Mexico, March 1975.

The Use of the Psychological Screening Inventory to Predict Problem Denture Patients, Research paper presented during the Annual Meeting of the International Assn. for Dental Research, London, England, April 1975.

Dental Curriculum in Developing Countries, one week presentation and workshop leader, University of Garyounis, Benghazi, Libya, Apr. 1976.

Management of Edentulism, three week course (didactic and clinical), University of Cairo, Cairo, Egypt, Apr. 1976.

The One Visit Denture, two day course presented at the Presidential Palace Medical Center, Cairo, Egypt, March 1979.

Management of Total Edentulism, two day post-graduate course, University of British Columbia, Vancouver, B.C., Canada, May 1979.

Removable Partial Denture Prosthodontics, one week course (didactic and clinical), University of Garyounis, Benghazi, Libya, May 1980.

Management of Partial and Total Edentulism, two day post-graduate course, University of Puerto Rico, San Juan, P.R., Dec. 1980.

Management of Partial Edentulism, one day continuing education course, Faculty of Dentistry University of Marseille, Marseille, France, Oct. 1981.

Management of Partial Edentulism, one day presentation, Faculty of Dentistry, Riyadh University, Riyadh, Saudi Arabia, March 10, 1982.

Management of the Atrophic Ridges, half day presentation, Annual Saudi Dental Assn.'s Meeting, Riyadh, Saudi Arabia, March 11, 1982.

Facial Pain: Diagnosis and Treatment, one day presentation, Faculty of Dentistry, Cairo University, Cairo, Egypt, March 16, 1982.

Overdentures: Why and How, half day presentation, International Dental Congress, Alexandria, Egypt, Nov. 12, 1982.

Implants for the Edentulous Patient, half day presentation, Faculty of Dentistry, Alexandria University, Alexandria, Egypt, Nov. 15, 1982.

Cranio-Mandibular Dysfunctions, half day presentation, Clinical Dental Society Meeting, Cairo, Egypt, March 26, 1984.

Composites: Past, Present, and Future, half day presentation, Clinical Dental Society Meeting, Cairo, Egypt, March 27, 1984.

Implant Prosthodontics, presentation during International Congress of Oral Implantologists Meeting, Munich, Germany, June 22, 1984.

Endosseous Implants, half day presentation, International Dental Congress, Alexandria, Egypt, Nov. 13, 1984.

Implant Prosthodontics, half day presentation, International Dental Congress, Alexandria, Egypt, Nov. 14, 1984.

Review of Dental Implants and Implant Prosthodontics, one day presentation, Israeli Implant and Transplant Congress, Tel Aviv, Israel, Feb. 8-10, 1985.

Implant Prosthodontics, half day presentation, Annual Dental Society Meeting of Puerto Rico, San Juan, Puerto Rico, Aug. 9-11, 1985.

Endosseous Implants: Surgical and Prosthodontic Procedures, presentation during Columbian Implant Symposium, Bogota, Columbia, Sept 19-22, 1985.

Stress Analysis of Dental Implants, half day presentation during Linkow Implant Seminar, Dusseldorf, West Germany, Nov. 8-10, 1985.

Diagnosis and Treatment Planning for Implant Prosthodontics, presentation during World Congress on Dental Implants, Caracas, Venezuela, Apr. 3-5, 1986.

Diagnosis and Treatment Planning for Implant Prosthodontics, presentation during World Congress on Dental Implants, Caracas, Venezuela, Apr. 3-5, 1986.

The ISIS Implant System, presentation during Linkow Seminar, Bremen,

West Germany, Nov. 21-23, 1986.

Implant Prosthodontics, two day course, Central Medical Hospital, Cairo, Egypt, Apr. 8-9, 1987.

Oral Implantology, two day course, Central Dental Hospital, Riyadh, Saudi Arabia, Apr. 15-16, 1987.

Oral Implantology - An Overview, four day course, Mexican Oral/Maxillofacial Surgery Society, July 29-31, Aug. 1, 1987.

Stress Analyses of Various Endosseous Implants, presentation during the Third International Dental Congress, Cairo, Egypt, Nov. 11-14, 1987.

Implant Prosthodontics, one week course, Ministry of Health, Riyadh, Saudi Arabia, Feb. 15-21, 1988.

Implant Prosthodontics, presentation to the 6th Annual Dental Congress, Alexandria, Egypt, Nov. 3-6, 1988.

Occlusion in Implant Dentistry, one day postgraduate course, Egyptian Oral Implantology Society, Cairo, Egypt, Nov. 8, 1988.
Prosthodontic Guidelines in Implant Dentistry, presentation to the British Oral Implant Society, London, England, July 7-9, 1989.

Implant Prosthodontics, presentation to the Netherlands Implant Society, Amsterdam, Netherlands, Sept. 7-10, 1989.

Endosseous Implants: Introduction and Surgical Procedures, two weeks' postgraduate (didactic and clinical) course, El-Kobba Military Hospital, Cairo, Egypt, Dec. 17-30, 1989.

Implant Prosthodontics, presentation to the British Oral Implant Society, London, England, Jan. 18, 1990.

Implant Prosthodontics: Biomechanical Considerations, presentation to the International Dental Congress, Cairo, Egypt, March 14-16, 1990.

Comprehensive Implant Dentistry, presentation to Taichung Veterans General Hospital, Taichung, Taipei, April 6-12, 1990.

Endosseous Implants: Prosthodontic Procedures, one week postgraduate course (didactic and clinical), El-Kobba Military Hospital, Cairo, Egypt, July 30-August 6, 1991.

Criteria for Implant Selection, presentation at the International Congress of Oral Implantologists, Sorrento, Italy, October 25-28, 1990.

Occlusion in Implant Dentistry, two half days presentation at the Israeli Implant Association, Tel Aviv, Israel, Nov. 28-30, 1990.

An Overview of Implant Dentistry, two-day presentation to the Israeli Implant Association, Tel Aviv, Israel, April 3-4, 1991.

Occlusal Considerations in Implant Prosthodontics, presentation at the Int. Congress of Oral Implantologists, London, England, May 3, 1991.

Prosthetic Guidelines for Implant Selection and Placement, presentation at the Int. Congress of Oral Implantologists, London, England, May 4, 1991.

Implant Prosthodontics, half day presentation at the Turkish Implant Society, November 2, 1991.

Implant Prosthodontics: Clinical and Laboratory Procedures, Three day postgraduate course, El-Kobba Military Hospital, Cairo, Egypt, December 21-23, 1991.

Historical Review of Implant Dentistry, presentation at the Int. Congress of Oral Implantologists, Sydney, Australia, March 28, 1992.

Implant Dentistry: Biomechanics, half day presentation at the Turkish Implant Society, Istanbul, Turkey, October 24, 1992.

Implant Prosthodontics, half day presentation at Taichung Veterans Hospital, Taichung, Taiwan, October 31, 1992.

Implant Prosthodontic Guidelines, half day presentation, Saudi Dental Association, Jeddah, Saudi Arabia, January 14, 1993.

Implant Dentistry, three days presentation, Israeli Implant Association, Tel Aviv, Israel, February 24-26, 1993.

Implant Dentistry update, Two days presentation, British Implant Study Club, London, England, March 26-27, 1993.

Advances in Prosthodontics, One day presentation, Egyptian Dental Association, November 6, 1993.

Implant Prosthodontics, One day presentation, Taipei Congress of Oral Implantology, Taipei, Taiwan, April 9, 1994.

Implant failure; Biomechanical considerations, presentation at the Dental Congress of National China, Taichung, Taiwan, April 11, 1994.

Implant Dentistry: An Overview, 2 days presentation, West China

University for Medical Sciences, Chengdu, People's Republic of China, April 13 and 14, 1994.

Implant Dentistry: An Overview, 2 days presentation, Hubei University, Faculty of Stomatology, Hubei, People's Republic of China, April 16 and 17, 1994.

Implant Treatment: Surgical demonstrations, five days clinical participation course, Egyptian Military Hospital, Heliopolis, Cairo, Egypt, May 23-27, 1994.

Advances in Prosthodontics, Half day presentation, Saudi Dental Association, Jeddah, June 16, 1994.

Prosthodontics: Fixed vs. Removable, 2 days presentation, Egyptian Military Medical Academy, Cairo, Egypt, August 17-19, 1994.

Implant Prosthodontic Guidelines, Half day presentation at the World Dental Congress in Alexandria, Egypt, November 9, 1994.

Occlusal Materials and Designs in Implant Prosthodontics, presentation at Japanese Occlusion and Health Association, Tokyo, Japan, December 9, 1994.

Occlusion in Implant Dentistry, Half day presentation to Sendai Dental Association, Sendai, Japan, December 10, 1994.

Rigid vs. Non Rigid Implant-Tooth Supported Prostheses, presentation at Faculty of Dentistry, University of Tokyo, Tokyo, Japan, December 11, 1994.

Occlusal Considerations in Implant Dentistry, Half day presentation, Saudi Dental Association, Dhahran, Saudi Arabia, March 14, 1995.

Treatment Planning in Implant Prosthodontics, Half day presentation, Saudi Dental Association, Dhahran, Saudi Arabia, March 15, 1995.

Fixed vs. Removable Implant Prosthodontics, presentation at the Ministry of Health, Kuwait, State of Kuwait, March 18, 1995.

New Frontiers in Implant Dentistry, presentation at Harry Sicher Memorial lecture, Alpha Omega Int. Dent. Fraternity, Tel Aviv, Israel, April 8, 1995.

Occlusal Materials and Designs in Implant Prosthodontics, presentation at the 13th Jordanian Dental Congress, Amman, Jordan, April 14, 1995.

Rigid vs. Non-rigid Prostheses Supported by Teeth and Implants, presentation at the 13th Jordanian Dental Congress, Amman Jordan, April 14, 1995.

Implant Prosthodontics, 2 day presentation at Columbia Implantology Association, Bogota, Colombia, October 1995.

Dental Education in U.S.A., presentation at the Symposium of Dental Education in Czech Republic, Prague, Czech Republic, November 3-5, 1995.

Implant Prosthodontics: New Advances, presentation at 7th International Dental Congress, Alexandria, Egypt, November 15-17, 1995.

Advances in Implant Prosthodontics, presentation at National University, Taipei, Taiwan, May 2, 1996.

Stress Corrosion and Fracture of Implant Components, presentation to Chinese Dental Association Meeting, Taiwan, China, May 3, 1996.

Implant Dentistry and Occlusion, 2 day presentation at Alexandria Oral Implantology Association Annual Meeting, Alexandria, Egypt, September 4-6, 1996.

Advances in Implant Prosthodontics, presentation at International Symposium of Oral Implantology, Buenos Aires, Argentina, October 4-6, 1996.

Advances in Management of Partial and Total Edentulism, presentation at the Dental Service Department, Saudi ARAMCO, Dhahran, Saudi Arabia, October 28-November 2, 1996.

Host Tissue Reaction to Implants and Restorations, presentation at Cairo University, Cairo, Egypt, November 12, 1996.

Esthetics in Prosthodontics and Implant Dentistry, presentation at 10th International Dental Congress, Alexandria, Egypt, November 12-15, 1996.

Host Tissue Reaction to Implants and Restorations, presentation at 10th International Dental Congress, Alexandria, Egypt, November 12-15, 1996.

Host Tissue Response to Implant Restorations, presentation at Keio University, Tokyo, Japan, January 29, 1997.

Overview of Implant Restorations, presentation at Sendai College, Sendai, Japan, January 30, 1997.

Host Tissue Response to Implant Restorations, presentation at National University of Tohoku, School of Dentistry, Department of Geriatrics, Sendai, Japan, January 31, 1997.

Aspects of Modern Perio-Prosthetic Treatment, Eight hours presentation at 1st International Joint Conference on Perio-Prosthetic Treatment, Tel Aviv, Israel, April 2-4, 1997.

Management of Partially Edentulous Patients, presentation in Tel Aviv, Israel, April 2-4, 1997.

Host Tissue Reaction to Implant Restorations, presentation in Istanbul, Turkey, June 1997.

Implant Failures: When, How, and Why, presentation in Istanbul, Turkey, June, 1997.

Diagnosis and Treatment Planning in Implant Dentistry, presentation in Buenos Aires, Argentina, August 1997.

Occlusal Considerations in Implant Prosthodontics, presentation at 7th AE Dental Conference, Dubai, U.A.E., February 5-7, 1998.

Prosthodontic Considerations in the Management of Partial Edentulism, presentation at 7th AE Dental Conference, Dubai, U.A.E., February 5-7, 1998.

Host Tissue Reaction to Implant Restorations, presentation at the Iranian Dental Association meeting in Tehran, Iran, April 1998.

Occlusal Considerations, presentation at the Iranian Dental Association meeting in Tehran, Iran, April 1998.

Host Tissue Reaction to Implant Restoration, presentation at the International Odontology Academy - Latin American Section for the X Gnathology Congress in Santiago, Chile, August 1998.

Occlusal Consideration in Implant Prosthodontics, presentation at the International Odontology Academy - Latin American Section for the X Gnathology Congress in Santiago, Chile, August 1998.

Advances in Prosthodontics in the 21st Century, presentation at Taiwan Medical College of Dentistry in Taipei, Taiwan, October 1998.

Advances in Prosthodontics in the 21st Century, presentation at National Taiwan University Hospital in Taipei, Taiwan, November 1998.

Management of Caries, presentation at the 11th International Dental Congress of Alexandria meeting in Alexandria, Egypt, November 1998.

Dentistry Beyond 2000, presentation at the 11th International Dental Congress of Alexandria meeting in Alexandria, Egypt, November 1998.

Occlusal Considerations in Conventional Implant Prosthodontics,

presentation at the Colegio de Cirujanos Dentistas de P.R. Annual Meeting in San Juan, P.R., February 1999.

Failures Following Implant Restorations, presentation at the Colegio de Cirujanos Dentistas de P.R. Annual Meeting in San Juan, P. R., February 1999.

Implant Dentistry (Didactic Phase) postgraduate educational course in implant dentistry, Al Hamra Dental Polyclinic, Jeddah, Saudi Arabia, January 2000.

Implant Dentistry in 21st Century, presentation at the 9th International Dental Congress in Cairo, Egypt, March 31, 2000.

Implant Dentistry (Surgical Phase) postgraduate educational course in implant dentistry, Al Hamra Dental Polyclinic, Jeddah, Saudi Arabia, September 2000.

Host Tissue Response to Implant Restorations, presentation at the 20th World Congress, by ICOI, Berlin, Germany, October 2000.

Therapeutic Occlusion in Implant Dentistry: Evidence Based Structural and Biomechanical Understanding, presentation at 3rd International Implantology Congress, Alexandria, Egypt, April 2001.

Host Tissue Responses to Implant Restorations. Presentation at The 7th Saudi Dental Congress in Riyadh, Saudi Arabia, April 27-30, 2002.

c. Presentations to Regional Dental Societies:

Immediate Dentures, Essay presented to the 8th District Dental group, DuBois, PA, Sept. 16, 1968.

Functional Recording of Jaw Relations, Essay presented to the Scranton District Dental Society, Scranton, PA, May 26, 1969.

The Swallowing Technique for Establishing Physiologic Vertical Dimension, Essay presented to the Fayette County Dental Society, Uniontown, PA, May 27, 1969.

Modern Concepts in Complete Denture Prosthodontics, Essay presented to the North Hills Dental Society, Pittsburgh, PA, Dec. 10, 1969.

Partial Denture Design, Essay presented to the Mon-Valley Dental Society, Pittsburgh, PA, Jan. 15, 1970.

Impression Philosophy and Techniques for Mandibular Dentures, Essay presented to the Westmoreland County Dental Society, Greensburg, PA, Sept. 8, 1970.

Trouble Shooting in Removable Partial Dentures, Essay presented to the 8th District Dental Society, DuBois, PA, Sept. 17, 1970.

Problems of the Lower Denture, Essay presented to the North Hills Dental Society, Dec. 9, 1970.

Importance of Vertical Dimension in Removable Prosthodontics, Essay presented to the Dental Society, Reading, PA, Jan. 4, 1971.

Jaw Relations in Removable Prosthodontics, Essay presented to Johnstown Dental Society, Feb. 28, 1972.

New Concepts in Removable Prosthodontics, Essay presented to Washington-Greene Dental Society, Washington, PA, March 29, 1972.

The Telescopic Denture, Essay presented to North Hills Dental Society, Pittsburgh, PA, Feb. 14, 1973.

The Difficult Lower Denture, Essay presented to Washington-Greene Dental Society, Washington, PA, Feb. 27, 1973.

Mouth Preparation for Complete Dentures, Essay presented to Indiana Society, Indiana, PA, March 15, 1973.

The Difficult Mandibular Denture: Impressions, Essay presented to Altoona Dental Society, Altoona, PA, April 10, 1973.

The Telescopic Denture, Essay presented to Washington-Green Dental Society, Washington, PA, Jan. 23, 1974.

The Telescopic Denture, Essay presented to Allegheny-Kiski Dental Society, Pittsburgh, PA, Nov. 21, 1974.

Prosthodontics in Management of Dentofacial Abnormalities, Essay presented to Pittsburgh Dental Research Club, Pittsburgh, PA, Dec. 10, 1974.

The Overlay Denture-New Trends, Essay presented to Lower Mon Valley Dental Society, Pittsburgh, PA, Nov. 6, 1975.

Prosthodontics in General Practice, one day, Odontological Society of W. Pa., Sept. 27, 1977.

Complete Denture Prosthodontics, one day, Robert Packer Hospital, Sayre, PA, Oct. 5, 1977.

Complete Denture Prosthodontics, one day post-graduate course, Beaver Valley Dental Society, Beaver, PA, Feb. 22, 1978.

One Day Complete Dentures, one day post-graduate course, Greater Pittsburgh Academy of General Dentistry, Pittsburgh, PA, Sept. 24,

1979.

Temporomandibular Joint Dysfunction, Essay presented to Beaver Valley Dental Society, April 1980.

Technological Advance in Treatment of Occlusal Disease, Essay presented to East End Branch of Dental Society, Pittsburgh, PA, May 1981.

Dental Implants, Essay presented to Odontological Society of Western Pennsylvania, Oct. 4, 1984.

Evolution of Oral Implantology, presentation to East End Branch of Dental Society, Pittsburgh, PA, March 12, 1986.

Introduction to Endosseous Implants, presentation to Dental Society of Western Pennsylvania, Pittsburgh, PA, Sept. 29, 30, & Oct. 1, 1987.

Biomechanical Considerations in Implant Prosthodontics, Essay presented to Pittsburgh Dental Research Club, Pittsburgh, PA, Feb. 2, 1992.

Stress Corrosion and Fracture of Implant Components, Pennsylvania Prosthodontic Association, State College, PA, June 6-7, 1996.

Implant Failures - When and Why, Presented to Pittsburgh Dental Research Club, Pittsburgh, PA, February 19, 1997.

The Future of Dental Education, presentation at the 1997 WVRHEP Faculty Development Day, in Morgantown, West Virginia, October 31, 1997,

The Biomechanical Aspects of Implant Selection and Placement with Prosthesis Design, Fabrication, and Material Selection, Ft. Washington, PA, November 13, 1997.

Advances in Dental Medicine, to Western PA Dental Hygiene Association, Pittsburgh, PA, May 5, 1998.

SERVICES:

A. MEDICAL STAFF APPOINTMENTS:

1979-present Member, Medical Staff, University of Pittsburgh Medical Center, Presbyterian University Hospital, Pittsburgh, PA.

1979-1991 Member, Medical Staff, University Montefiore

Hospital, Pittsburgh, PA

1982-present Member, Medical Staff, St. Margaret's Memorial Hospital, Pittsburgh, PA.

1985-1991 Member, Medical Staff, Eye & Ear Hospital, Pittsburgh, PA.

1991-2001 Director, Division of Restorative Dental Services, Department of Dental Medicine, University Pittsburgh Medical Center, Pittsburgh, PA.

1991-1999 Member, Medical Staff, Eye & Ear Institute, University of Pittsburgh, Pittsburgh, PA.

B. EDITORIAL BOARDS:

Editor, Behavioral Science in Dentistry Newsletter, 1980-1981
AADS,

Associate Editor, International Journal of Oral Implantology, Prosthodontic Section 1985 - 1991

Reviewer, Journal of the Academy of General Dentistry 1985 - present

Member, Editorial Board, Health Sciences Review, 1986 - 1991
University of Pittsburgh

Section Editor, Journal of Implant Dentistry 1991 -
(Referee Journal) present

Member, Advisory Board, Saudi Dental Journal 1988 -
(Referee Journal) present

Member, Editorial Advisory Board, Dental Implantology 1991 -
Update present

Reviewer, Journal Royal Medical Services, Jordan 2000-
present

C. CONTINUING DENTAL EDUCATION PRESENTATIONS:

Cephalometric Roentgenography in Prosthodontics, One Day post-graduate course, University of Pittsburgh, School of Dental Medicine, Pittsburgh, PA (March 1966).

New Advancement in Prosthodontics, One day post-graduate course, New Castle, PA (March 17, 1966).

Complete Denture Prosthesis, One day post-graduate course, Titusville, PA (March 30, 1966).

Modern Concepts in Complete Denture Prosthesis, One day post-graduate course, Wilkes-Barre, PA (February 23, 1967).

Modern Concepts in Complete Denture Prosthesis, one day post-graduate course, Williamsport, PA (February 24, 1967).

Complete Denture Prosthesis, one day post-graduate course, Johnstown, PA (April 6, 1967).

Complete Denture Prosthodontics--Utilizing Fully Adjustable Articulator, four day course, University of Pittsburgh, School of Dental Medicine, Pittsburgh, PA (June 5-8, 1967).

Principles and Techniques in Removable Prosthodontics, one day post-graduate course, Bradford, PA (February 20, 1969).

Complete and Partial Removable Prosthodontics, one day post-graduate course, University of Pittsburgh, Pittsburgh, PA (March 26, 1969).

Modern Gnathological Concepts and Techniques in Removable Prosthodontics, one day post-graduate course, Pottsville, PA (March 27, 1969).

Dental Injuries in Sports, two hour lecture to graduate class in Physical Education, University of Pittsburgh, (February 9, 1970).

Complete Denture Prosthodontics, one day post-graduate course, Bradford, PA (February 11, 1970).

Complete Denture Prosthodontics, one day post-graduate course, Titusville, PA (March 11, 1970).

Dental Education in the U.A.R., Essay presented to the Institute for Teachers, School of Dental Medicine, University of Pittsburgh, (October 11-15, 1970).

Removable Prosthodontics: Theories and Techniques, one day post-graduate course, New Castle, PA (November 11, 1970).

Prevention and Complete Dentures: A Philosophy, one day post-graduate course, Hazelton, PA (February 18, 1971).

Removable Prosthodontics, one day post-graduate course, Butler, PA (March 4, 1971).

Dental and Facial Injuries in Sports, Essay presented to Graduate

Students in Physical Education, University of Pittsburgh (March 11, 1971).

New Concepts in Removable Prosthodontics, one day post-graduate course, Reading, PA (March 25, 1971).

Treatment of Edentulism, one day post-graduate course, Titusville, PA (March 17, 1971).

Removable Prosthodontics, one day post-graduate course, Beaver Falls, PA (April 15, 1971).

Why A Face Bow Transfer, Essay presented to the Regional Clinical Conference for Dental Laboratory Technicians, sponsored by the University of Pittsburgh and American Dental Association, (October 2, 1971).

Removable Partial Dentures, one day post-graduate course, Uniontown, PA, (April 12, 1972).

Removable Partial Denture Prosthodontics, Dental Grand Rounds Seminars, Eye & Ear Hospital, Pittsburgh, PA, (November 22, 1972).

Prosthetic Rehabilitation of Class II & Class III Mandibular Deviations, Essay presented during the Symposium on Maxillofacial Prosthetics, University of Pittsburgh, School of Dental Medicine, (June, 1973).

Discussion Leader - Workshop, Department of Physical Therapy, School of Health Related Professions, University of Pittsburgh, (May, 1973).

Partial Denture Prosthodontics, one day post-graduate course Punxsutawney, PA, (April 4, 1974).

Prosthodontics in Management of Dento-Facial Abnormalities," Part of television presentation entitled, "Management of Dento-Facial Abnormalities," Erie, PA (April 19, 1974).

Partial Denture Prosthodontics," one day post-graduate course, Bethlehem, PA (May 1, 1974).

Complete Denture Prosthodontics, one day post-graduate course, Wilkes-Barre, PA (March 27, 1975).

Complete Denture Prosthodontics, one day post-graduate course, Johnstown, PA, (January 29, 1976).

Complete Denture Prosthodontics, one day post-graduate course, Reading, PA, (February 12, 1976).

Complete Denture Prosthodontics, one day post-graduate course, Pottsville, PA (April 8, 1976).

Complete Denture Prosthodontics, one day post-graduate course, Titusville, PA, (April 7, 1976).

Complete Denture Prosthodontics, one day post-graduate course, Sharon, PA, (April 14, 1976).

Management of Partial Edentulism: three day post-graduate course, University of Pittsburgh, School of Dental Medicine, Pittsburgh, PA, October 28-30, 1976.

Periodontal Prosthesis; Interdisciplinary Approach, one day post-graduate course, University of Pittsburgh, Pittsburgh, PA, February 23, 1977.

Management of Total Edentulism, three day post-graduate course, University of Pittsburgh, PA, May 19-21, 1977.

Complete Denture Prosthodontics, one day post-graduate course, Lehigh Valley Dental Society, Allentown, PA, May 17, 1978.

Complete Denture Prosthodontics, three day post-graduate course, University of Pittsburgh, School of Dental Medicine, October 12-14, 1978.

Management of Total Edentulism, five day post-graduate course, San Juan, Puerto Rico, May 14-18, 1979.

One Visit Denture, one day post-graduate course, University of Pittsburgh, School of Dental Medicine, Pittsburgh, PA, May 9, 1979.

New Advances in Prosthodontics, two day post-graduate course, Loyola University, School of Dentistry, Chicago, Ill., April 18-19, 1979.

Oral Implantology: An Interdisciplinary Approach, three day symposium, School of Dental Medicine, University of Pittsburgh, Pittsburgh, PA, April 30, May 1 and 2, 1979.

One Day Denture, one day post-graduate course, School of Dental Medicine, University of Pittsburgh, Pittsburgh, PA, May 9, 1979.

Management of Total Edentulism, one day post-graduate course, Erie, PA, March 5, 1980.

Management Partial Edentulism, one day post-graduate course, Titusville, PA, April 2, 1980.

Complete Denture Prosthodontics, one day post-graduate course, Youngstown, Ohio, January 21, 1981.

Complete Denture Prosthodontics, one day post-graduate course, Bradford, PA, February 5, 1981.

Overdenture: Prosthodontic, Periodontic, and Endodontic Considerations, one day post-graduate course, School of Dental Medicine, University of Pittsburgh, Pittsburgh, PA, January 13, 1982.

Management of Partial and Complete Edentulism, one day post-graduate course, Harrisburg, PA, January 28, 1982.

Complete Denture Prosthodontics, one day post-graduate course, Williamsport, PA, March 31, 1982.

Overdentures, half day post-graduate course, Canton, OH, April 21, 1982.

Recent Developments in Management of TMJ Disorders, two day post-graduate course, School of Dental Medicine, University of Pittsburgh, Pittsburgh, PA, May 6 & 7, 1982.

Management of Partial Edentulism, one day post-graduate course, Steubenville, OH, Nov. 18, 1982.

Management of Total Edentulism, one day post-graduate course, Stark County Dental Society, Canton, OH, Dec. 1, 1982.

Management of Edentulism, one day post-graduate course, Scranton, PA, Feb. 9, 1983.

Fixed and Removable Prosthodontics, one day post-graduate course, Butler, PA, Jan. 26, 1984.

Endosseous Implant Symposium, two day post-graduate course, (Program Chairman and Lecturer), University of Pittsburgh, Pittsburgh, PA, Feb. 9 & 10, 1984.

Endosseous Implants, one day post-graduate course, Temple University, Philadelphia, PA, April 11, 1984.

Overview of Dental Implants, one day post-graduate course, Erie, PA, Feb. 6, 1985.

Complete and Partial Denture Prosthodontics, one day post-graduate course, Allentown, PA, March 6, 1985.

Endosseous Implant Systems, one day post-graduate course, Steubenville, OH, Feb. 27, 1986.

Implant Prosthetics, half-day post-graduate course, Pittsburgh, PA,

April 16, 1986.

AGD - Continuing Education Mastership Program, nine day post-graduate program, University of Pittsburgh, Pittsburgh, PA May 8, 9 & 10, June 5, 6 & 7 and July 24, 25, 26, 1986.

Implant Update, one day post-graduate course, Highland Drive VA Hospital, Pittsburgh, PA, April 6, 1988.

Overview of Implant Dentistry, one day postgraduate course, Loraine, Ohio, March 6, 1989.

Implant Prosthodontics, one day postgraduate course, Canton, Ohio, Feb. 17, 1990.

Implant Prosthodontics, one-day postgraduate course, Scranton, PA., April 4, 1990.

Implant Prosthodontics, one-day postgraduate course, Loraine, Ohio, April 23, 1990.

Implant Dentistry, Maxi Course (10 days), University of Pittsburgh, Pittsburgh, PA April 23-24, May 14,15, June 18-19, July 9-10, and July 30-31, 1990.

Implant Prosthodontics, one-day postgraduate course, Pitt of PA., February 24, 1992.

Implant Prosthodontics, one-day postgraduate course, Sayre, PA., August 19, 1992.

"Implant Dentistry" 15 days Cont. Ed Course by the University of Pittsburgh, in Tel Aviv, Israel, Feb 19-21, June 17-19, and September 9-11, 1992.

Implant Prosthodontics, Three day postgraduate course, Howard University, Washington, D.C., June 25-27, 1993.

Esthetics and Functional Requirements in Implant Dentistry, one-day presentation at the Implant Maxicourse, NY, March 24, 1995.

Prosthodontic Guidelines in Implant Dentistry, one-day PDA postgraduate course, Wellsboro, PA, May 10, 1995.

Implantology presentation, one-day PDA postgraduate course, Chambersburg, PA, September 14, 1995.

Stress Corrosion with Screws, etc., one-day presentation, at New York University, Dental Center, NY, November 19, 1995.

Advances in Implant Dentistry, one and a half days of presentations, University of Pittsburgh, School of Dental Medicine, Pittsburgh, PA, March 4 and 5, 1996.

Occlusion in Implant Dentistry, one-day presentation, Louisville, KY, June 10, 1996.

Advances in Prosthodontics, half day of presentations, at the University of Pittsburgh, School of Dental Medicine, Pittsburgh, PA, August 31, 1996.

Dental Education Today, half day presentation in Youngstown, Ohio, September 25, 1996.

TMD and Occlusion, one-day presentation at the University of Pittsburgh, School of Dental Medicine, November 18, 1996.

Management of Total Edentulism, one-day presentation at Veteran Administration, Butler, PA. February 12, 1998.

Implant Prosthodontics B2000, three day presentations in Las Vegas, Nevada, June 4-6, 1998.

Removable Prosthetics Overview, one day presentation in Scranton, PA, January 19, 2000.

Complete Edentulism: Diagnosis and treatment planning, one day presentation at Geisinger Medical Center, Danville, PA, December 2000.

Complete Denture Prosthodontics, one day presentation at Latrobe Hospital, Latrobe, PA, May 2001.

TMD in Prosthodontics, one day presentation at Brookville Hospital, Brookville, PA, October 4, 2001.

Complete Denture Prosthodontics, One day presentation, Altoona, PA, April 11, 2002.

Restoration of Dental Implants, One day presentation, Johnstown, PA, October 16, 2002

D. SPECIAL PROJECTS:

1. OCCLUSION; FUNCTION AND DYSFUNCTION, A coordinated curriculum of Gnathological versus Neuromuscular approaches to teaching fundamentals of occlusion to first professional dental students. The curriculum was organized in 1975-1976, starting with basic

anatomy and physiology of the stomatognathic structures, progressing to basic concepts of dental occlusion and articulation; gnathological vs neuromuscular, and ending with stomatognathic system dysfunctions leading to joint, dental, and muscles disorders.

2. 1976-1982: Directed and completed the Development of the dental curriculum for the new school at Garyounis University, Garyounis, Libya. Chaired one week, U.S. dental educators committee for evaluation and assessment of the newly implemented curriculum. Also, Organized and coordinated advanced training and education of 24 new faculty members for Garyounis University, in U.S. dental schools, in all specialties.

As an outcome of this international cooperation, the School of Dental Medicine, University of Pittsburgh embarked, and embraced international educational programming and exchange with several institutions of higher education and research.

3. INTERNATIONAL DENTAL FACULTY: in the late 1980's and early 1990's, I recruited and coordinated an International Faculty at the School of Dental Medicine, University of Pittsburgh. The international faculty were all leaders in various dental disciplines, from New York, Atlanta, Detroit, and Los Angeles in the USA, London; England, Paris; France, Alexandria; Egypt, Tel Aviv; Israel, Klon and Bramen; Germany, and Buenos Aries; Argentina.

The international faculty actively participated in teaching and research endeavors at Pittsburgh School of Dental Medicine and in our international educational programs.

4. IMPLANT TRAINING PROGRAMS in; (a) TEL AVIV, ISRAEL, (b) CAIRO, EGYPT, and (c) BUENOS AIRES, ARGENTINA. 1989-1996: I directed, coordinated, and actively participated in comprehensive didactic and hands-on two phase implant dentistry (surgical and prosthetic) teaching programs in all three countries. The teaching faculty were the International faculty members of the school of dental medicine. The teaching programs were conducted twice in all three countries.

5. DENTAL EDUCATION AGREEMENT WITH STATE OF KUWAIT: 1993-2001.

Initiated and supervised dental education agreements (first professional and graduate) between the Ministries of Education and Health in Kuwait and the University of Pittsburgh, in U.S.A. to enroll Kuwaiti students in the college and, if successful, in the dental school. A second agreement was also concluded to accept qualified Kuwaiti dentists in various specialty graduate programs.

6. PREDOCTORAL CURRICULUM GUIDELINES IN IMPLANT DENTISTRY, 1989-1990: Organized and chaired the national meeting held in

Chicago 1989, and attended by 47 dental schools' representatives; including Deans, Associate Deans, and Department Chairs, to establish and approve the Pre-doctoral curriculum guidelines in implant dentistry. The guidelines were adopted and published by the ADEA in 1990.

7. ADVANCED STANDING PROGRAM FOR FOREIGN DENTAL GRADUATES, 1997-2000, Developed, organized, and implemented the Advanced Standing Program for foreign graduates at the University of Pittsburgh, School of Dental Medicine. Criteria for acceptance, core curriculum, and competency evaluation were completed, and monitored on an annual basis.

HOBBIES AND INTERESTS

Reading, Classic Music, Walking, Skiing, Motor Boating and Sailing, Travel, Cruising, Computer, Philanthropy and Giving.

MOTTO: "LITTLE PEOPLE TALK ABOUT PEOPLE, ORDINARY PEOPLE TALK ABOUT THINGS, AND INTELLENT PEOPLE TALK ABOUT IDEAS AND PHILOSOPHIES."