

1. INTRODUCTION

There has been an increasing need for comprehensive information on the many and varied careers and training requirements in Audiology. This booklet has been prepared by the British Society of Audiology to provide this information in a concise and co-ordinated manner. The attempt has been made to cover a wide range of careers which may be considered to come under the Audiology umbrella. Information has been obtained from the various societies and organizations representing the professions and, in the main, it is the views of those bodies that are presented here. Similarly, details of the educational establishments and the training courses offered by them have been provided in response to our requests. The Society cannot accept any responsibility for the accuracy of this information.

The booklet is divided into three main sections: a description of careers in the service professions, which are perhaps the main types of employment in Audiology; careers in research and teaching, which are primarily concerned with the research councils, scientific civil service and education establishments; and finally, a list of colleges, polytechnics, universities and other further educational establishments which provide courses in audiology and allied subjects.

Alan M Martin

2. AUDIOLOGY

In the UK, Audiology may be considered to be the study and assessment of hearing and balance and the treatment and prevention of disorders of these functions. It is a diverse collection of scientific, technical, clinical and rehabilitational disciplines. Perhaps because of this diversity there is no one profession or role known simply as *audiologist* in the UK. There are audiological scientists and physicians and audiology technicians, for example, as well as many other professions in the field, but no single profession may be considered to represent the whole field.

Hearing and hearing loss (deafness) are major considerations of Audiology. These simple terms, however, cover a surprising number of separate professional roles, amongst which, for example, are the measurement of hearing function and the diagnosis of hearing disorders both in adults and in children, the surgical and medical treatment of hearing disorders, the provision of hearing aids, the rehabilitation and counselling of those who have a hearing impairment, the special education of hearing-impaired children, the prevention of occupational hearing loss in the industrial setting - and so on. A common associate of hearing loss is tinnitus (noises in the ear or head). Sometimes tinnitus can be more of a problem than the hearing loss itself and may come under consideration by any or all of the above professional roles.

Hearing is an essential part of man's ability to communicate - and it is speech communication and the complex ideas that speech can represent that separate man from the other animals. A degradation of this ability to communicate may not just be caused by a disorder of the ear. For example, the more subtle processes that occur in the brain, which help us discriminate the meaning of speech, may be affected or distorted, resulting in a communication impairment.

At the other end of this chain is the production of speech. Now although the assessment and treatment of speech production disorders are not by convention regarded as part of audiology per se, it is part of the communication chain and thus closely allied to the topic. Professions and careers in this area are therefore also included in this booklet. Indeed, it is difficult to decide where *Audiology* ends and other recognised sciences begin.

The other major area of Audiology is that concerned with balance. This involves the measurement and assessment of the vestibular organ or labyrinth that is an integral part of the ear and the treatment of disorders of balance. Vestibular function is only one of three main inputs to the balance system, the others being vision and proprioception (feedback from the muscles, ligaments, etc. to the brain) and thus problems of balance are generally more complex to unravel than those of hearing. In general, vestibular and balance function are less well understood than hearing and, although a vestibular disorder may be far more debilitating and handicapping, knowledge and facilities for its treatment and alleviation are sometimes less well defined.

People who work in the Audiology come from a very wide range of disciplines and levels of educational achievement. Among the subjects studied at school, college or university that might be relevant are: physics, psychology, medicine, physiology, engineering, speech sciences, mathematics, electronics, biology, acoustics, laboratory sciences and physiological measurement, psycho-acoustics, biochemistry, and so on. Thus, almost any subject in the sciences at almost any educational level might be a suitable starting point to consider a career in some aspects of Audiology. Of course, additional education and training may well be required to reach the appropriate level, but those who are investigating the possibility of a career in Audiology should not necessarily feel themselves limited in any way by the subjects they have studied previously. The qualifications and training involved in each of the

professions in Audiology are described in the appropriate place in this booklet. Any queries regarding these requirements, or indeed further details of any aspect, should be addressed to the organizations listed under that profession.

Despite the economic stringencies of the present times, Audiology is a growing field and can provide a career with good prospects. It can provide a job that is both challenging and satisfying to those who wish to help people in need. Many have chosen a career in this area because they wish to apply what they have learnt in the classroom to a practical field where close contact with patients is the norm and where there is often a satisfying mix of clinical, technical, scientific and rehabilitation practices.

Alan M Martin
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3. CAREERS IN THE SERVICE PROFESSIONS

It is acknowledged that the names and addresses of the secretaries of the various professional associations may change. It is therefore recommended that for the most up-to-date information the reader contacts the Secretariat of the British Society of Audiology at:

80 Brighton Road, Reading RG6 1PS
(Tel. 0118-966 0622)

AUDIOLOGICAL PHYSICIAN

*Information supplied by the
British Association of Audiological Physicians*

The Job

A physician concerned with disorders of hearing and balance. This includes the investigation, diagnosis, medical and rehabilitative treatment of patients with such disorders. This is a relatively new profession with about twenty-five physicians currently practising and nine senior registrars in training.

Major Employers

- a) The National Health Service
- b) Universities

There are also opportunities for part-time private work as a consultant.

Primary Career Structure

Follows general training pattern of consultant physician. Basic medical qualifications, pre-registration posts, general medical training leading of Membership of Royal College of Physicians or Fellowship of Royal College of Surgeons, four year specialist training in audiological medicine in senior registrar posts, thence to consultant in audiological medicine.

Basic Qualifications and Training

A basic medical degree. Seven years post-graduate training, including Membership of the Royal College of Physicians or Fellowship of Royal College of Surgeons. Accreditation by Joint Committee on Higher Medical Training.

Types of Specialist Training Courses

In-post training in career registrar and senior registrar posts. Post-graduate degree such as MSc in Audiological Medicine or research degree such as MD or PhD.

Training Centres which provide Specialist Courses

MSc in Audiological Medicine

- a) The Institute of Laryngology and Otology, University of London, Gray's Inn Road, London WC1X 8EE. Tel. 0171-837-8855
- b) Centre for Audiology, Education of the Deaf and Speech Pathology, University of Manchester, Oxford Road, Manchester M13 9PL Tel. 0161-275-2000
(with the Department of Audiological Medicine, Royal Infirmary, Manchester)

Relevant Short Courses

- a) National Hospital, Queen Square, London WC1N 3BG. Tel. 0171-837-3611
- b) The Institute of Sound and Vibration Research, University of Southampton, Southampton SO17 1BJ. Tel. 01703-592287

Professional and Learned Societies

The British Association of Audiological Physicians
Royal College of Physicians
The British Society of Audiology
Royal Society of Medicine

Further Information

Dr Rosalyn Davies, Honorary Secretary, Department of Neuro-otology, National Hospital for Neurology & Neurosurgery, Queen Square, London WC1N 3BG. Tel. 0171-387-3611.

AUDIOLOGICAL SCIENTIST
Information supplied by the
British Association of Audiological Scientists

The Job

Member of a multi-disciplinary team, usually hospital based, which is concerned with identification and diagnosis of hearing impairment with the rehabilitation of hearing impaired patients, both children and adults. Experienced audiological scientists often carry the responsibility of providing a comprehensive, all-age audiology service which will entail managing and developing existing services. Duties may include co-ordination of the local audiology services, including supervision of supporting staff; execution, interpretation and reporting of diagnostic auditory and vestibular tests; paediatric audiology; the provision of advice on the selection, fitting and evaluation of hearing aids; service development and involvement in service-orientated research; responsibility for the correct use and functioning of audiometric equipment; teaching all grades of staff.

Major Employers

The National Health Service
Research and teaching institutions.

Primary Career Structure

Audiological Scientists in the NHS are employed as Clinical Scientists. Entry is at Grade A. There is then a period of in-service training (usually less than three years) leading to the British Association of Audiological Scientists Certificate of Audiological Competence. After completing the in-service training, the Audiological Scientist will be appointed to the Career Grade B and progress through this will depend on experience and responsibility. Audiological Scientists becoming Heads of Service may progress to Grade C.

Basic Qualifications and Training

Honours Degree in an appropriate subject and MSc in Audiology. Exceptionally, entry can be with first degree only and suitable audiological experience and training.

Types of Specialist Training Courses

MSc Course in Audiology. In-service training leading to the BAAS Certificate of Audiological Competence.

Training Centres

- a) The Institute of Sound and Vibration Research, University of Southampton, Southampton SO17 1BJ. Tel. 01703-592287
- b) Centre for Audiology, Education of the Deaf and Speech Pathology, University of Manchester, Oxford Road, Manchester M13 9PL. Tel. 0161-275-2000

Professional and Learned Societies

The British Association of Audiological Scientists
The British Society of Audiology

Further Information

The British Association of Audiological Scientists, Honorary Secretary, Tracey Twomey, Children's Hearing Assessment Centre, Ropewalk House, 113 The Ropewalk, Nottingham NG1 6HA. Tel. 0115-948-5591

AUDIOLOGY TECHNICIAN
(also known as Medical Technical Officer (Audiology)
Technical Audiologist, Audiologist)

Information supplied by the
British Association of Audiology Technicians

The Job

Audiology technicians work with other Ear, Nose and Throat professionals. Their work includes:

- a) the measurement of hearing and balance;
- b) the measurement of middle ear function;
- c) rehabilitation of those who have a hearing loss by fitting and advising on the effective use of appropriate hearing aids.

Audiology Technicians spent much of their time working directly with patients. The ability to be a good communicator, particularly with children and with the elderly, is important. At a senior level, technicians may have responsibility for management of other staff and, in some cases, for the management of the audiology department.

Entry Qualifications

A good general education with at least GCSE or its equivalent in biology, physics, mathematics and English language. Trainees often have A-levels and some have university degrees.

Training

The basic training usually involves:

- a) two years in-service training in a hospital audiology department;
- b) a course leading to BTEC in Medical Physics and Physiological Measurement;
- c) a course leading to BAAT Part I.

The BAAT Part I is the professional qualification. Although it is not mandatory most employers ask for it. Training is provided at Schools of Audiology which are recognized for the purpose by the British Association of Audiology Technicians and by the British Society of Audiology. Some courses also offer NVQ level 3 and diplomas.

The BAAT Part I is concerned mainly with the basic sciences and the techniques of rehabilitation. Technicians usually go on to take the BAAT Part II examination which is an assessment of practical competence.

Employers of Technical Audiologists

NHS Hospital Trusts
Private Practices
Education Authorities
Industrial and Preventative Medical Services
Armed Forces

Pay Scales

Determined by the employing authority, but generally following the pay scales for Medical Technical Officers.

Professional and Learned Societies

Involvement with the professional body, the British Association of Audiology Technicians (BAAT), is open to all grades. Full membership is gained on the successful completion of all basic qualifications.

The British Society of Audiology.

Further Information regarding training

Mrs M Marshall, BAAT Education and Training Coordinator, Hillsbrow, Wenlock Road, Bridgnorth, Shropshire WV16 5AZ.

Information about the British Association of Audiology Technicians can be obtained from, Ms Mai Choo Yin, 126 Heol-y-Dhol, Beaumont Court, Caerphilly, Mid Glamorgan.

AUDIOLOGIST (PAEDIATRIC HABILITATION)
(Information supplied by the Centre for Audiology,
Education of the Deaf and Speech Pathology, University of Manchester)

The Job

As a result of increasingly early detection of hearing loss, there is a growing requirement for audiologists specially trained to meet the needs of hearing impaired babies and very young children. In collaboration with the Health and Educating Services, the Paediatric Habilitative Audiologist offers specialist skills in family support and counselling, on-going audiological assessment, the selection, fitting and evaluation of amplification systems and the provision of individual, early intervention programmes for the development of communication and language.

Major Employers

- a) Local Education Authorities
- b) Independent Schools
- c) The National Health Service
- d) Research and Teaching Institutions

Primary Career Structure

There is as yet no generally established career structure. At present it is determined by the individual employing authority or service.

Basic Qualifications and Training

First degree. Professional qualification as a Teacher of the Deaf, Speech and Language Therapist or Education Psychologist. MSc Audiology (Paediatric Habilitation).

Type of Specialist Training Course

MSc Audiology (Paediatric Habilitation)

Training Centres

Centre for Audiology, Education of the Deaf and Speech Pathology,
University of Manchester, Oxford Road, Manchester M13 9PL. Tel. 0161-275-2000

Professional and Learned Societies

The British Society of Audiology

Further Information

Centre for Audiology, Education of the Deaf and Speech Pathology,
University of Manchester, Oxford Road, Manchester M13 9PL. Tel. 0161-275-2000

COMMUNITY DOCTOR IN AUDIOLOGY
Information supplied by the
British Association of Community Doctors in Audiology

The Job

- a) Management of Audiology Services in the Community.
- b) Diagnosis and rehabilitation of hearing impaired people. (All doctors work with children and in some authorities with adults as well).
- c) Organization and monitoring of screening services.
- d) Training of health visitors, general practitioners, school nurses and associated personnel in audiological aspects of their work.
- e) Research.
- f) Service and medical audit.

Major Employers

The National Health Service

Primary Career Structure

Medical qualification. Post-graduate experience in paediatrics, developmental paediatrics and ENT. Appointment as Clinical Medical Officer, progressing to Senior Clinical Medical Officer.

Basic Qualifications and Training

Medical degree. An MSc in Audiological Medicine is an appropriate qualification for senior doctors in this field.

Specialist Training Courses

Post-graduate MSc courses are available at the University of London and the University of Manchester.

Professional and Learned Societies

The British Association of Community Doctors in Audiology
The British Society of Audiology
The British Paediatric Association

Further Information

Dr H Forsyth, Honorary Secretary BACDA (address unknown at present)

HEARING AID AUDIOLOGIST (DISPENSER)

The Job

In private practice, to prescribe and fit hearing aids in accordance with the Hearing Aid Council Act 1968 and Hearing Aid Council (Amendment) Act 1989. To carry out sufficient audiometric testing, otoscopic examination and case history investigation to enable appropriate provision of a hearing aid. To select, adjust and fit hearing aids, specifying and preparing appropriate earmoulds and carrying out any necessary acoustic modifications of the ear fitting. To instruct in hearing aid use and give rehabilitative advice. To re-assess at intervals.

Employers

- a) Hearing Aid Dispensing Companies
- b) Sole hearing aid dispensing practices
- c) The National Health Service.

Basic Qualifications and Training

GCSE (Grade C or higher) or its equivalent in four subjects.

Primary Career Structure

Only those persons registered with the Hearing Aid Council may act as private hearing aid dispensers.

Attain registration by achieving a pass level in written, practical and oral examination as determined by the Hearing Aid Council. Registration must be achieved within five years of original notification of trainee status to the HAC Registrar, unless the Council shall allow the trainee to extend this period.

Types of Specialist Training Courses

Training can be obtained by daily work under the physical supervision of a registered dispenser of at least two years standing. Seminars and a correspondence course are organized by the British Society of Hearing Aid Audiologists. Some courses organized by the British Society of Audiology might also be useful. The major hearing aid retailers run their own training schemes.

Professional and Learned Societies

The British Society of Hearing Aid Audiologists, Bridle Croft, Burgh Heath Road, Epsom, Surrey KT17 4LS. Tel. 01372-725348.

Further Information

The Registrar, The Hearing Aid Council, Mr Christopher Reid, FCA, Witan Court, Upper Fourth Street, Central Milton Keynes, MK9 1EH. Tel. 01908-235700

The British Society of Audiology

HEARING THERAPIST
Information supplied by the
British Society of Hearing Therapists

The Job

Hearing Therapists assess the rehabilitative needs of those suffering from acquired deafness and provide help with communication using hearing aids, environmental aids and the skills of speech-reading and auditory training. They provide support and counselling for hearing impaired people and people suffering from tinnitus. Some therapists undertake specialist work in, for example, cochlear implant programmes, the treatment of balance disorders, and the treatment of patients with learning difficulties. Hearing Therapists are committed to providing information concerning aural rehabilitation to professional groups, voluntary organizations and the general public. Hearing Therapists are usually based in hospitals, ENT or hearing aid departments, and are responsible to the ENT Consultant. They are members of a team working closely with ENT medical staff, audiological scientists, audiology technicians, social workers, and speech therapists.

Major Employers

The National Health Service

Primary Care Structure

as for Medical Technical Officer (Audiology)

Basic Qualifications and Training

There are two training courses in Great Britain at present and a with a third, leading to an MSc at City University, is currently under discussion.

Types of Specialist Training Course

One-year full-time course at City Literary Centre for Deaf People, Keeley House, Keeley Street, London WC2B 4BA. Tel. 0171-377-7073.

2-year Diploma Course at The University of Bristol, Department for Continuing Education, 8-10 Berkley Square, Clifton, Bristol BS8. Tel. 0117-928-7176.

No specific academic qualifications are needed for the course, although about half of students are graduates. Maturity is particularly important and related experience helps, especially if it has involved work with the hearing impaired, or in related areas such as teaching or work with the elderly or disabled. Also necessary are good, clear speech and the ability to be easily lipread.

Training Centre

City Literary Centre for Deaf People and Speech Therapy, Keeley House, Keeley Street, London WC2B 4BA. Tel. 0171-377-7073

Professional and Learned Societies

The British Society of Hearing Therapists (BSHT), Secretary, Lisa Waite, Royal Berkshire Hospital, London Road, Reading RG1 5AN

The British Society of Audiology

The Association of Teachers of Lip-Reading to Adults (ATLA)

Other Sources of Specialist Information

Royal National Institute for Deaf People, 19-23 Featherstone Street, London EC1Y 8SL.
Tel. 0171-296-8000. Text. 0171-296-8001. Fax. 0171-296-8199.

For access to books, journals, other literature and information from the Internet, students need to contact the RNID Library, The Institute of Laryngology & Otology, 330-332 Gray's Inn Road, London WC1X 8EE. Tel. 0171-915-1553. The library is reference only but photocopying facilities are available.

Further Information

The training centres or the BSHT, Information Officer, c/o MSF, 545 Antrim Road, Belfast BT15 3BY.

INDUSTRIAL AUDIOMETRICIAN

Information supplied by the Education Committee of BSA

The Job

The assessment of the hearing of people working in noisy industry and the categorization of the results. It may also include the selection and provision of hearing protectors and the recommending of appropriate action. Some two hundred people are undertaking industrial audiometry at time. This number is likely to increase as a result of statutory noise regulations which were introduced in 1990.

Major Employers

- a) Companies and other organizations in industry
- b) The Armed Services
- c) Government Service

Primary Career Structure

There is no established career structure. Terms of employment depend upon the particular employer or Government department and upon the basic training and qualifications of the individual employee. The Industrial Audiometrician will often be an occupational nurse or safety officer with additional training in audiometry.

Basic Qualifications and Training

The training of personnel undertaking industrial audiometry has been agreed by the BSA with the major employers. A board is currently being established to monitor training courses and to manage examinations. Formal recognition of the qualifications and their acceptance by industry and the regulatory bodies is being sought.

Specialist Training Courses

Courses, which usually last from two to five days, are provided by some universities, colleges and private organizations.. Several courses conform to the agreed syllabus and are approved by the British Society of Audiology.

Professional and Learned Societies

The British Society of Audiology

The Institute of Acoustics, Agriculture House, 5 Holywell Hill, St Albans, Herts AL1 1EU.
Tel. 01727-848195

Further Information

The British Society of Audiology

LIP-READING TEACHER

*Information supplied by the
Association of Teachers of Lip-reading to Adults (ATLA)*

The Job

A lip-reading teacher can help people with acquired deafness to gain more from conversation by developing their lip-reading and observational skills and by making the best use of what hearing they have. In the relaxed and informal setting of a lip-reading class a teacher can also provide a great deal of useful information about conversation tactics and environmental aids. He can help hearing impaired people recover their confidence and self-esteem.

Major Employers

Societies and associations for hearing impaired.

Primary Career Structure

Almost all the work is done on a part-time basis as a tutor employed in adult education centres, colleges of further education, hospitals, social work departments, day centres and hard-of-hearing clubs.

Basic Qualifications and Training

Generally, courses require no specific entry qualifications other than a good general education and a high standard of spoken and written English. All courses prefer trainees who have previous experience with hearing impaired people, or who have backgrounds in nursing, teaching, or social work or who come from other 'contact' professions.

Types of Specialist Training Courses

Courses in Lip-reading Teacher Training are available in London and Manchester.

Training Centres

- a) The City Literary Centre for Deaf People and Speech Therapy, Keeley House, Keeley Street, London WC2B 1AB. Tel. 0171-377-7073
- b) Manchester Metropolitan University, Elizabeth Gaskell Site, Hathersage Road, Manchester M13 0JA. Tel. 0161-247-2000

Professional Societies

The Association of Teachers of Lip-reading to Adults
The British Society of Audiology
The British Society of Hearing Therapists

Other Sources of Specialist Information

Royal National Institute for Deaf People, 19-23 Featherstone Street, London EC1Y 8SL.
Tel. 0171-296-8000. Text 0171-296-8001. Fax. 0171-296-8199.

For access to books, journals, other literature and information from the Internet, students need to contact the RNID Library, The Institute of Laryngology & Otology, 330-332 Gray's Inn Road, London WC1X 8EE. Tel. 0171-915-1553. The library is reference only but photocopying facilities are available.

Further Information

ATLA Information Officer, c/o The Post Office, Slimbridge, Gloucestershire.

OTOLARYNGOLOGIST
Information supplied by the
British Association of Otolaryngologists

The Job

The diagnosis and medical, surgical and rehabilitational management of disorders, diseases and injuries of the ear, nose and throat, including head and neck cancer and speciality facial plastic surgery. About four hundred Consultant Otolaryngologists work in the UK at the present time.

Major Employers

- a) The National Health Service
- b) Universities
- c) The Armed Services
- d) Private Practice

Primary Career Structure

Follows general training pattern of Consultant Surgeons. Basic medical qualification, junior trainee posts as Senior House Officer, obtaining Fellowship of the Royal College of Surgeons en route to Registrar and Senior Registrar and to Consultant in Otolaryngology.

Basic Qualifications and Training

A basic medical degree. Seven years post-graduate training, including Fellowship of one of the Royal Colleges of Surgeons. After final exit examinations, accreditation to Consultant in Otolaryngology by the Royal Colleges.

Types of Specialist Training Courses

- a) In-post training in about one hundred and twenty Registrar and eighty Senior Registrar posts in the NHS.
- b) Various six months to one year post-graduate research fellowships but none essential. Encouragement is given to Registrars taking a higher degree, eg MS or MD.

Specialist Training Centre

The Institute of Laryngology and Otology with The Ferens, 330 Gray's Inn Road, London WC1X 8EE. Tel. 0171-837-8855

Professional and Learned Societies

The British Association of Otolaryngologists, The Royal College of Surgeons of England, Lincoln's Inn Fields, London WC2A 3PN. Tel. 0171-404-8373

The Royal Colleges of Surgeons (London, Edinburgh, Glasgow, Ireland, Australia and Canada.

The British Society of Audiology

Further Information

- a) The British Association of Otolaryngologists
- b) Any one of the Royal Colleges of Surgeons

Other Information

Essentially, it is a supervised-in-the-job apprenticeship, with a high level examination and need of recommendation of Consultants in charge of training.

MANUFACTURING AND DEVELOPMENT

The Job

There are a number of opportunities with private companies and organizations for those with either an interest, previous experience or appropriate qualification in audiology or other discipline relevant to audiology, eg physics, acoustics, electronics or engineering.

Job descriptions are extremely diverse. Opportunities exist in marketing, sales, technical writing, technical support and advisory services, calibration, servicing and repair, design, development and application engineering.

Main Employers

Manufacturers and suppliers of audiological equipment, hearing aids, assistive devices for the hearing impaired, hearing conservation equipment and earmould manufacturing laboratories. Opportunities also exist within companies and organizations providing support for the service professions, and in research and educational establishments.

Primary Career Structure

Career development is dependent upon the structure within a particular company or organization.

Basic Qualifications and Training

Requirements dependent upon type of employment. Those entering private employment often have a basic qualification or training obtained from employment in one of the service professions. Alternatively, previous experience or a qualification in a discipline relevant to audiology may be required.

Types of Specialist Training Courses

Courses intended primarily for the service professions are often relevant to those in private employment.

Training Centres

Refer to Section 5, *Educational Establishments and Courses*

Details of other relevant training centres are obtainable from potential employers.

Professional and Learned Societies

Those employed by private companies and organizations may become members of relevant organizations and associations primarily representing the service professions.

Further Information

The British Hearing Aid Manufacturers' Association, c/o Knowles Electronics, Victoria Road,
Burgess Hill, West Sussex RH15 9LP.

The British Society of Audiology

SOCIAL WORKERS WITH DEAF PEOPLE

*Information supplied by the
Alliance of Deaf Service Users and Providers*

The Job

To offer a wide range of services to deaf, deafened and hard of hearing people and their families; to deal with situations relating to deafness, and also with a broad range of social problems. There are approximately three hundred and seventy specialist posts in the UK.

Major Employers

Local Authority Social Services Departments and local voluntary organizations acting as their agents. A very small number of social workers for deaf people are school based.

Primary Career Structure

Basic social work grades at levels 1, 2 and 3. Basic grade workers may be based in area teams which provide services for all people or they may operate as part of a specialist team. There are a small number of posts at senior and management levels.

Basic Qualifications and Training

The basic qualification for all social workers is the Diploma in Social Work (DipSW). There are non-graduate, under-graduate and post-graduate courses leading to social work qualifications approved by the Central Council for Education and Training in Social Work.

Types of Specialist Training Courses

a) Professional Diploma in Social Work

This is a two-year part-time course offered through the Open University. The first year of this course, called *Issues in Deafness*, is available to everybody and may be of particular interest to other professional groups. The second year of the course is only available to qualified social workers.

b) The Council for the Advancement of Communications with Deaf People (CACDP) is the examining board in sign language. The Scottish Association of Sign Language Interpreters offers certificates in sign language interpretation. Most of the courses leading to CACDP's examinations take place in colleges of further and higher education, and in centres for deaf people.

Training Centres

- a) The Open University, Faculty of Social Sciences, Milton Keynes, MK7 6AA.
Tel. 01908-653018
- b) Examining Board

Professional and Learned Societies

The Alliance of Deaf Service Users and Providers (ADSUP).
The British Association of Social Workers.

Other Sources of Specialist Information

Alliance of Deaf Service Users and Providers, Gail Norton, Centre for the Deaf, Centenary House, North Street, Leeds LS2 8AY. Tel. 0113-243-8328.

Further Information on Training

From the Central Council for Education and Training in Social Work at the following addresses:

England	Derbyshire House, St Chad's Street, London WC1H 8AD
N Ireland	14 Malone Road, Belfast BT9 6BN
Scotland	9 South Street, David Street, Edinburgh EH2 2BW
Wales	West Wing, St David's House, Wood Street, Cardiff CF1 1ES

SPEECH AND LANGUAGE THERAPIST

*Information supplied by the
College of Speech and Language Therapists*

The Job

The assessment and treatment of all types of communication disorders in children and adults. Problems include disorders of articulation, language (in which understanding of both the spoken and the written word may be impaired), voice and fluency. Approximately four thousand three hundred speech therapists are in post at present.

Major Employers

The National Health Service

Primary Career Structure

Grades 1 - 3.

- a) Supervised grade immediately post-qualifying
- b) May be of a generalist or specialist post
- c) Highly specialised or managerial post

Basic Qualifications and Education

A first degree from a university or a post-graduate diploma which has been approved by the College of Speech and Language Therapists.

Types of Specialist Education Courses

See Section 5 of *Educational Establishments and Courses*.

Educational Establishments

See Section 5.

Professional and Learned Societies

The College of Speech and Language Therapists
The British Society of Audiology

Other Sources of Specialist Information

Public libraries, careers offices, speech therapy departments of hospitals.

Further Information

The College of Speech and Language Therapists.

TEACHER OF THE DEAF
Information supplied by the
British Association of Teachers of the Deaf

The Job

Teachers of the Deaf are qualified teacher who have undertaken additional training leading to a qualification to teach children with impaired hearing. They are employed in special schools, units associated with ordinary schools, peripatetic services, hospitals, etc. Teachers in senior posts act in an advisory capacities to local education authorities, parents and others according to the conditions of their appointments. There are about two thousand five hundred teachers of the deaf.

Major Employers

- a) Local Education Authorities
- b) Non-maintained (independent) schools

Career Structure

In state schools and external services in England and Wales, the structure follows the normal teaching career through the Standard National Scale: Main Scale Teachers (with incentive allowances A, B, C, D and E), Deputy Head and Head. There is a qualification allowance for those at the top of their scale. Scotland and Northern Ireland have different structures. In post-16 education the career structure may follow the practice of the establishment in which it is taking place.

In the non-maintained sector the career structure may or may not follow the above.

Basic Qualification and Training

Recognised teaching qualification and experience in ordinary education followed by specialist teacher-training for the deaf.

Professional and Learned Societies

The British Association of Teachers of the Deaf
The British Society of Audiology

Other Specialist Sources of Information

Royal National Institute for Deaf People, 105 Gower Street, London WC1E 6AH.

Further Information

The British Association of Teachers of the Deaf, Icknield High School, Riddy Lane, Luton, Bedfordshire LU3 2AH.

Also, see the NDCS Yearbook, which contains a list of useful addresses.

TEACHER OF THE DEAF (AUDIOLOGY)
(Educational Audiologist)
Information supplied by the
British Association of Teachers of the Deaf

The Job

Teachers of the Deaf (Audiology) are Teachers of the Deaf who have undertaken additional approved training leading to a recognised qualification in audiology. They are employed in special schools, education and health services. They have specialist expertise in assessing hearing impairment in children, in recommending hearing aids and giving guidance to parents on audiological matters and advising authorities accordingly.

Major Employers

- a) Local Education Authorities
- b) Non-maintained (independent) schools
- c) The National Health Service

Primary Career Structure

The career structure is generally identical to that of the Teacher of the Deaf, although Teachers of the Deaf (Audiology) tend to work more in the external services of local educational authorities. In state schools and external services in England and Wales, the structure follows the normal teaching career through the Standard National Scale: Main Scale Teachers (with incentive allowances A, B, C, D and E), Deputy Head and Head. There is a qualification allowance for those at the top of their scale. Scotland and Northern Ireland have different structures. In post-16 education the career structure may follow the practice of the establishment in which it is taking place. In the non-maintained sector the career structure may or may not follow the above. A few Teachers of the Deaf (Audiology) work in health services where they may follow the career structure of the appropriate service.

Basic Qualifications and Training

The same qualifications as the Teacher of the Deaf with an additional advanced qualification in Audiology.

Types of Specialist Training Courses

Additional post-graduate qualification in Audiology:

- a) MSc in Audiology - The Institute of Sound and Vibration Research, University of Southampton.
- b) MSc in Audiology (Paediatric Habilitation) - Centre for Audiology, Education of the Deaf and Speech Pathology, University of Manchester.

Professional and Learned Societies

The British Association of Teachers of the Deaf
The British Society of Audiology

Further Information

The British Association of Teachers of the Deaf, Icknield High School, Riddy Lane, Luton,
Bedfordshire LU3 2AH.

4. CAREERS IN RESEARCH AND TEACHING

RESEARCH: MEDICAL RESEARCH COUNCIL

The Job

There are clinical, scientific and support roles for audiologists in furthering the multi-disciplinary study of hearing and balance and disorders of these senses.

Major Employers

- a) MRC Institute of Hearing Research, Nottingham, and its Outstations
- b) MRC Applied Psychology Unit, Cambridge
- c) MRC Human Movement and Balance Unit, London

Primary Career Structure

- a) Civil Service Professional and Technology Scales
- b) Civil Service Scientific Officer Scales
- c) Scientific Scale coordinated to University Lecturer Scale
- d) Occasional vacancies for graduates as research assistants
- e) Occasional vacancies for post-doctoral researchers in basic disciplines relevant to audiology; eg physics, engineering, physiology and psychology.

Basic Qualifications and Training

- a) Science-based degree or HND etc. may be required for a) above
- b) MSc may be required for b) above
- c) PhD in relevant area may be required for c) above

Types of Specialist Training Courses

Training varies widely. There are numerous under-graduate and post-graduate courses.

Professional and Learned Societies

The British Society of Audiology

There are also many specialist scientific and clinical organizations in physiology, biology, engineering, psychology, acoustics, vestibular function, etc.

Further Information

Medical Research Council, Research Management Group, or Human Resources Group, 20 Park Crescent, London W1N 4AL. Tel. 0171-636-5422. Fax. 0171-436-6179.

Other Information

The MRC usually has only occasional vacancies for research position within its own units, but funds research in audiology and associated areas in many university and hospital departments.

RESEARCH: THE UNIVERSITIES

The Job

Clinical and scientific research and support posts are available for multidisciplinary study of hearing and balance, the disorders of these senses and the rehabilitation of those with these disorders.

Major Employers

The universities and university hospitals

Primary Career Structure

- a) Support posts - University Technician (grades 1 - 8), Experimental Officer, Senior Experimental Officer, Principal Experimental Officer
- b) Research - Research Assistant, Research Fellow, Senior Research Fellow, coordinated to university scale

Basic Qualifications and Training

- a) Support Appropriate training to topic, e.g. electronics, audiology.
- b) Research (i) A science first degree; (ii) MSc or PhD in relevant area of research

Types of Specialist Training

Widely variable, but a PhD in the relevant research area is usually essential for research fellows. This may be obtained during the research programme in some circumstances.

Training Centres

Any university providing the appropriate courses or research programmes.

Professional and Learned Societies

Many specialist scientific, clinical and professional societies in audiology, physiology, psychology, acoustics and medicine, etc.

Further Information

Many universities carry out research which may be connected with an aspect of audiology. However, it is not possible to produce a definitive list which would remain current as research projects come and go rapidly. Nevertheless, some of the universities undertake research in an area of audiology on a relatively continuous basis.

A list of relevant universities and research may be found in *Research in British Universities, Polytechnics and Colleges*, published by the British Library and available in many public libraries.

RESEARCH: SCIENTIFIC CIVIL SERVICE

The Job

Highly varied over wide range of topics and responsibilities depending upon qualifications and the role of the employing department or institution. Mainly non-clinical research in areas allied to audiology, such as communications, hearing, conservation, standards and calibration, etc.

Major Employers

Government departments, such as the Ministry of Defence, Department of Health, Employment Medical Advisory Service, Department of Industry, etc.

Primary Career Structure

Promotion is on merit with the grade structure being: Assistant Scientific Officer, Scientific Officer, High Scientific Officer and Senior Scientific Officer. Further promotions may also be achieved to director of a scientific establishment and beyond.

Basic Qualifications

A school leaver with a minimum of four GCSEs or equivalent in the relevant subjects would normally enter as an Assistant Scientific Officer. Graduates would normally enter at the Scientific Officer grade, although it could be higher if they have research experience or a post-graduate qualification.

Types of Specialist Training Courses

specialist in-service training is provided covering the scientific career structure. Secondment to specialist courses outside the service may also occur.

Further Information

Civil Service Commission, Alencon Link, Basingstoke, Hampshire RG21 1JB.

TEACHING

The Job

The teaching of the theoretical, practical, clinical and surgical aspects of audiology and associated areas.

Major Employers

- a) The National Health Service hospital departments
- b) Universities, colleges and other establishments in further education

Primary Career Structure

This will depend upon the type of organization in which the teaching is being carried out.

- a) The National Health Service
- b) In universities and other educational establishments, the structure usually follows the normal academic career - Lecturer, Senior Lecturer, Reader, Professor.

Basic Qualifications and Training

This depends upon the type of organization providing the teaching.

- a) In hospitals, the basic qualifications required will be those of the discipline and post being taught.
- b) In educational establishments, the qualifications required are variable, but usually a minimum of a degree is necessary and in some university departments it may be a PhD.

Types of Specialist Training Courses

There are no formal courses available specifically to train people to teach audiology.

Professional and Learned Societies

The British Society of Audiology

Further Information

There is no general source of information. Appropriate universities or colleges offering courses in audiology should be contacted. See Section 5.

5. EDUCATIONAL ESTABLISHMENTS AND COURSES

Only brief details of the courses, qualifications, course duration and establishment address are given. For further information on entry qualifications, the course syllabus, etc, contact should be made directly with the institution concerned.

Medical Audiology and ENT

Many medical schools in universities and university hospitals provide some teaching in Audiology and related subjects as part of the general medical course. This general course is an under-graduate medical degree followed by one year of pre-registration house jobs in medicine and surgery, and then followed by three years of general professional training, during which period a higher post-graduate surgical or medical degree is obtained.

Audiological Medicine

The trainee undertakes an approved four year training programme which includes an MSc in Audiological Medicine, training in paediatric audiology, neuro-otology, rehabilitation of the adult hearing impaired, auditory electrophysiology and relevant aspects of other medical disciplines.

Otolaryngology/ENT

The trainee undertakes an approved four year training programme in the speciality.

Medical Technical Officer (Audiology)

The colleges of further education listed below are currently offering courses leading to the award of a National Certificate in Science (Medical Physics and Physiological Measurement).

B-TEC National Certificate

Belfast College of Technology, College Square East, Belfast BT1 6DJ.

Cardiff Institute of Higher Education, Western Avenue, Llandaff, Cardiff CF5 2YB.

Chelmsford College, Dovedale, Moulsham Street, Chelmsford CM2 0JQ.
Fax. 01245-266908

City of Westminster College (Paddington), 25 Paddington Green, London W2 1NB.

Exeter College, Hele Road, Exeter EX4 4JS.

Leeds College of Technology, Cookridge Street, Leeds LS2 8BL. Tel. 0113-243-0381.
Fax. 0113-243-0365.

Matthew Boulton Technical College, Department of Science, Sherlock Street, Birmingham B5 7DB.

Millbrook College, Bankfield Road, Liverpool L15 4JB.

Newcastle-upon-Tyne College of A & T, Maple Terrace, Newcastle-upon-Tyne NE4 7SA.

North East Surrey College of Technology (NESCOT), Reigate Road, Ewell, Surrey KT17 3DS.

Paddington College, 25 Paddington Green, London W2 2NB.

The People's College of Tertiary Education, Maid Marian Way, Nottingham NG1 6AB.
Tel. 0115-941-7721. Fax. 0115-948-3749.

Oxford College of Further Education, Oxpens Road, Oxford OX1 1SA.

Salford College of Technology, Frederick Road, Salford M6 6PU.

The Sheffield College, Stradbroke Centre, Spinkhill Drive, Sheffield S13 8FD.
Tel. 0114-260-2700. Fax. 0114-260-2701.

Southampton Technical College, St Mary's Street, Southampton SO9 4WX.

B-TEC Higher National Certificate

City of Westminster College (Paddington), 25 Paddington Green, London W2 1NB.

Coventry Polytechnic, Priory Street, Coventry CV1 5FB.

Newcastle College, Maple Terrace, Newcastle-upon-Tyne NE4 7SA.

North East Surrey College of Technology, Reigate Road, Ewell, Surrey KT17 3DS.

The People's College of Tertiary Education, Maid Marian Way, Nottingham NG1 6AB.
Tel. 0115-941-7721. Fax. 0115-948-3749.

The Sheffield College, Stradbroke Centre, Spinkhill Drive, Sheffield S13 8FD.
Tel. 0114-260-2700. Fax. 0114-260-2701

South Glamorgan Institute of Further Education, Western Avenue, Llandaff, Cardiff CF5.

**Professional Training Courses available for Medical Technical Officers (Audiology)
Approved by the BAAT.**

Belfast - Audiology Department Royal Victoria Hospital, Belfast BT13 6BA.

Birmingham School of Audiology, Hearing Services Centre, Western Road, Birmingham B18 7QQ. Tel. 0121-507-4929

Charing Cross Hospital, School of Audiology, Fulham Palace Road, London W6 8RF.
Tel. 0181-846-1021. Fax. 0181-846-1022.

(This course also includes part of the NVQ qualification offered by City of Westminster College).

Glasgow - Scottish School of Audiology, Department of Otolaryngology & Audiology, Queen Elizabeth Building, Royal Infirmary, Glasgow G4 0SF.
Tel. 0141-211-4000. Fax. 0141-211-4896.

London

a) International School of Technical Audiology, The Institute of Laryngology & Otology, 330-332 Gray's Inn Road, London WC1X 8EE.

b) Charing Cross Hospital School of Audiology, Fulham Palace Road, London W6 8RF.
Tel. 0181-846-1021. Fax. 0181-846-1022.

(This course also includes part of the NVQ qualification offered by City of Westminster College).

Middlesbrough School of Audiology, North Riding Infirmary, Newport Road, Middlesbrough TS1 5JE. Tel. 01642-854053. Fax. 01642-854064.

Middlesbrough School of Audiology now offer a Certificate in Audiology jointly with Nottingham University. It is also hoped to provide the NVQ in conjunction with Newcastle College.

Nottingham - School of Audiology, Ropewalk House, 113 The Ropewalk, Nottingham NG1 6HA. Tel. 0115-948-5551. Fax. 0115-948-5568

Training Courses for Teachers of the Deaf

(a) In-Service Training

University of Birmingham

The School of Education offers a two-year part-time course of study leading to the Diploma in Special Education (Hearing Impaired). Applicants need a minimum of two years' approved professional experience.

Information from The Assistant Registrar (Admissions), School of Education, Ring Road North, University of Birmingham, PO Box 363, Birmingham B15 2TT.

University of Leeds

The School of Education offers a two-year part-time (day release) course leading to an Advanced Diploma in the Education of Deaf Children.

Information from Pam Knight or Ruth Swanwick, School of Education, The University, Leeds LS2 9JT.
Tel. 0113-233-4545. Fax. 0113-233-4541

University of Wales, Swansea

The Department of Education offers a two-year course using day release leading to a Diploma of the University of Wales (Hearing Impairment).

Information from Director of the Division of Graduate Studies, Department of Education, University of Wales Swansea, Hendrefoilan, Swansea SA2 7NB.

Moray House Institute of Education, Heriot Watt University, Edinburgh

The Institute offers a Modular Masters Programme leading to a Post Graduate Diploma in Special Educational Needs (Deaf Education)

Information from The Registrar, Moray House Institute of Education, Heriot Watt University, Holyrood Road, Edinburgh EH8 8AQ
Tel. 0131-558-6191.

Requests for information related to audiology or deaf issues generally should be addressed to Helen Mitchell, Lecturer, Deaf Education, Department of PD&CE, Moray House Institute of Education, Heriot Watt University, Holyrood Road, Edinburgh EH8 8AQ
Tel. 0131-556-8455. Fax. 0131-557-3458.

Within Moray House there is the Scottish Sensory Centre, established in 1991 and replacing the two previous centres for Visual Impairment (VIC) and Deaf Education (SCED). The Centre runs short courses, pilots new developments and provides information, consultancy to teachers, parents, young deaf and visual impaired people.

b) Full Time Courses

University of Birmingham

The School of Education offers a one year course within the Department of Special Education leading to the award of a Diploma in Special Education (Hearing Impaired). The course is open to qualified teachers who should normally have had not less than two years' teaching experience.

Information from the Assistant Registrar (Admissions), School of Education,
Ring Road North, University of Birmingham, PO Box 363, Birmingham B15 2TT.

University of Manchester

The Centre for Audiology, Education of the Deaf and Speech Pathology awards the University diploma in Advanced Studies in the Education of Hearing Impaired children.

Information from Course Tutor (DASEHIC), Centre for Audiology, Education of the Deaf and Speech Pathology, School of Education, University of Manchester, Oxford Road, Manchester M13 9PL.

Oxford Brookes University

The School of Education offers a two-year part-time course of study leading to the Postgraduate Diploma in Educational Studies (Hearing Impairment).

Information from INSET Section, School of Education, Oxford Brookes University, Wheatley, Oxford OX33 1HX.
Tel. 01865-485717. Fax. 01865-485838.

University of Hertfordshire

offers a flexible training route leading to PG Diploma/MA qualification as a Teacher of the Deaf. One year full time and two year part time courses are available, in addition to the possibility to take several of the individual modules from the Teacher of the Deaf training programme.

Further information is available from: Scheme Tutor, Education of the Deaf, University of Hertfordshire, Watford Campus, Aldenham, Herts AL3 5PZ.
Tel. 01707-285609. Voice minicom 01707-284000. Fax. 01707-285616.

University College, Dublin

This one year course leads to the University Diploma for Teachers of the Deaf which is recognised by the Department of Education and Science by the Irish Education Department. Priority is given to candidates who have had experience in the teaching of hearing impaired children.

Information from the Director, Course for Teachers of the Deaf, University College, Room G101, Dublin 4.

Tel. 7068246

A number of advanced courses of study or research are also available to qualified and experienced teachers of the deaf.

Speech Therapy: CSLT Accredited Courses

a) 1st Degree Courses

BSc(Hons) in Speech and Language Pathology and Therapeutics (CNAAC)
City of Birmingham Polytechnic, School of Therapy, Department of Science, Franchise
Street, Perry Barr, Birmingham B42 2SU.

BSc(Hons) in Speech Therapy
Cardiff School of Speech Therapy, South Glamorgan Institute of Higher Education, Llandaff
Centre, Western Avenue, Cardiff CF5 2YB.

BA in Remedial Linguistics
School of Remedial Linguistics, University of Dublin, Trinity College, Dublin 2.

BSc/BSc(Hons) in Speech Pathology and Therapy (CNAAC)
Queen Margaret College, School of Speech Therapy, Clerwood Terrace, Edinburgh
EH12 8TS.

BSc/BSc(Hons) in Speech Pathology and Therapeutics
Jordanhill College of Education, School of Speech Therapy, 76 Southbrae Drive, Glasgow
G13 1PP.

BSc/BSc(Hons) in Speech Therapy (CNAAC)
Leeds Polytechnic, School of Health and Applied Sciences, Speech Therapy Section,
Calverley Street, Leeds LS1 3HE.

BSc(Hons) City University
Department of Clinical Communication Studies, Northampton Square, London EC1V 0HB.

BSc(Hons) in Speech Sciences
University College London, Gower Street, London WC1E 6BY.

in collaboration with

National Hospitals College of Speech Science, Chandler House, 2 Wakefield Street, London
WC1N 1PG.

BSc(Hons) in Speech Pathology
Centre for Audiology, Education of the Deaf and Speech Pathology, University of
Manchester, Oxford Road, Manchester M13 9PL.

BSc(Hons) in Speech Pathology and Therapy
Manchester Metropolitan University, Department of Psychology and Speech Pathology,
Elizabeth Gaskell Site, Hathersage Road, Manchester M13 0JA.
Tel. 0161-247-1063 (direct line). Fax. 0161-247-6311

BSc(Hons) in Psychology and Speech Pathology
Manchester Metropolitan University, Department of Psychology and Speech Pathology,
Elizabeth Gaskell Site, Hathersage Road, Manchester M13 0JA.

BSc(Hons) in Speech
University of Newcastle-upon-Tyne, Sub-Department of Speech, School of Education,
St Thomas Street, Newcastle-upon-Tyne NE1 7RU.

BA in Linguistics and Language Pathology, Speech Therapy
Department of Linguistic Science, University of Reading, Whiteknights, Reading, Berks.

BMedSci in Speech
The University, Sheffield S10 2TN.

BSc(Hons) in Speech Therapy
Department of Speech Therapy, Ulster Polytechnic, Jordanstown, Newton Abbey, Co. Antrim
BT37 0QB.

b) Postgraduate Diplomas

Postgraduate Diploma in Clinical Communication Studies, City University, Northampton
Square, London EC1V 0HB.

Postgraduate Diploma in Speech and Language Pathology and Therapy,
National Hospitals College of Speech Science, Chandler House, 2 Wakefield Street, London
WC1N 1PG.

c) Further Post Qualifying Specialist Training

Advanced Clinical Studies
Diploma in Speech Therapy with Deaf People, City University, Department of Clinical
Communication Studies, Northampton Square, London EC1V 0HB.

General Educational Establishments and Courses

University of Birmingham

Department of Special Education, Faculty of Education, University of Birmingham, Ring Road North, Birmingham B15 2TT

BPhil in Education of the Deaf (one year full time)
Diploma in Speech Education (six months part time)

The City Literary Centre

The City Literary Centre for Deaf People and Speech Pathology, Keeley House, Keeley Street, London WC2B 4BA

Certificate of Teachers of Lip-Reading
Full time internal, twelve weeks or part-time external one year

Certificate in Hearing Therapy
One year full time

University of Glasgow

Department of Otolaryngology, University of Glasgow, Royal Infirmary, Glasgow, G4 0SF

Short (one week) course for ENT Surgeons.

University of Keele

Department of Communication and Neuroscience, University of Keele, Keele, Staffs ST5 5BG
Tel. 01782-583056. Fax. 01782-583055

MSc and PhD course by research and thesis in Auditory Physiology,
Behavioural Psychology and Psychophysics.

University of Manchester

Centre for Audiology, Education of the Deaf and Speech Pathology, University of Manchester, Oxford Road, Manchester M13 9PL

Advanced Diploma (International) in Audiology

MSc in Audiology (Paediatric Habilitation)

MSc in Audiology

MSc in Audiological Medicine

Diploma in Advanced Studies in the Education of Hearing Impaired Children

BA in Combined Studies: (Human Communication and Communication Disorders)

BSc(Hons) Speech Pathology

PhD, MPhil, MSc by research in audiology, education of the deaf or speech pathology

Annual short course programme

North East Surrey College of Technology

North East Surrey College of Technology (NESCOT), Reigate Road, Ewell, Surrey KT17 3DS.

BSc in Clinical Science. (The course is run jointly with the International School of Technical Audiology, The Institute of Laryngology & Otology, 330-332 Gray's Inn Road, London WC1X 8EE.)

University of Nottingham

University of Nottingham School of Audiology, Royal National Institute for Deaf People and MRC Institute of Hearing Research, Ropewalk House, 113 The Ropewalk, Nottingham, NG1 6HA

Tel. 0115-948-5551. Fax. 0115-948-5568

PhD by research and thesis in Speech and Hearing Sciences, Auditory Psychology and Auditory Genetics

Also short courses:-

European Instructional Course on Tinnitus and its Management (four-day course)

Short (three day) course in Tinnitus

Medicolegal Aspects of Noise-Induced Hearing Loss (one day course)

The Institute of Laryngology & Otology

The Institute of Laryngology & Otology with The Ferens, 330-332 Gray's Inn Road, London WC1X 8EE

PhD, or MSc by research in Audiology
MSc in Audiological Medicine
MSc in Auditory Sciences

Also short courses:-

Diagnosis and treatment of the deaf child
School screening audiometry
Middle ear measurement
Screening for occupational hearing loss
Otoacoustic emissions

Courses run at the ILO in association with the Royal National TN&E Hospital:-

MSc in Audiological Science (part-time, joint with NESOT)
ENT Nursing (ENB approved)
Diploma in Technical Audiology (ten five-day modules over 18 months)
Course in Industrial Audiometry (four days)

University of Southampton

The Institute of Sound & Vibration Research, University of Southampton, Southampton SO17 1BJ
Tel. 01703-552287

:

MSc in Audiology (for Audiological Scientists, one year full time)
Diploma in Audiology (six months full time)
MPhil, PhD by research and thesis in Audiology or other topic in Sound & Vibration
Clinical Audiology (for ENT Consultants, annual advanced short (one week) courses)
Technical Audiology (advanced courses for Audiology Technicians)
Industrial Audiology & Hearing Conservation (for Occ. Nurses, Medical & Safety Officers)
Occupational Deafness (for ENT Consultants)
Vestibular function (for ENT Consultants and Audiology Technicians)
Auditory Electrophysiology (for ENT Consultants and Audiology Technicians)

Also:-

BEng in Engineering Acoustics and Vibration (three years full time)
MSc in Sound and Vibration (one year full time)
BSc Acoustics and Music
BSc Acoustics with Oceanography

South Bank University

School of Engineering Systems & Design, South Bank University, 103 Borough Road,
London SE1 0AA
Tel. 0171-928-8989. Fax. 0171-815-8155

The Institute of Acoustics: Diploma in Acoustics and Noise Control. (one year part time).
MSc in Environmental Acoustics (one year full time or two years part time)
Short courses in environmental and work place noise assessment.

Manchester Metropolitan University

Manchester Metropolitan University, All Saints, Manchester M15 6BH.
Tel. 0161-247-1063 (direct line). Fax. 0161-247-6311

Diploma in Social Work Programme (DipSW plus either Diploma in Social Work or PGDip/MA Social Work) The course runs for two years full time, plus a minimum of one term for completion of MA for students following the PGDip/MA route. There is an Option to learn British Sign Language (BSL Level I) within the programme.

Certificate of higher education in Teaching of Speech-reading (lip-reading to adults). Three patterns of attendance are possible: two years, one year or nine months, each comprising 10 weeks full time study at the University and 88 hours of observation and supervised teaching practice in speech-reading (lip-reading) classes. The pattern of attendance is dependent upon course selected.

University of Edinburgh

Faculty of Arts, University of Edinburgh, David Hume Tower, George Square, Edinburgh
EH8 9JX

MA (Hons) Linguistics (four years full time)

I suggest that the next section (Information About the Society) is removed and replaced by a list of addresses (RND, 90A etc) for quick reference.

6. INFORMATION ABOUT THE SOCIETY

The British Society of Audiology is by far the largest Society representing the science and practice of audiology in Europe.

It has a very active and increasing membership of over 1300, including many from overseas. Recent significant changes to its Constitution have made full participation in the affairs of the Society open to a wider range of people. Society membership is open to all who have an interest in audiology, not only those with professional involvement.

The Society is a founder member of the Federation of Acoustical Societies of Europe (FASE) and more recently provided the stimulus for the European Federation of Audiological Societies (EFAS).

AIMS OF THE SOCIETY

The Society, through its Constitution, has the following aims:

- (i) The furtherance of the science of audiology, that is the study of hearing and balance, and the diagnosis, alleviation and prevention of hearing and balance impairment.
- (ii) The advancement of education in audiology.
- (iii) The furtherance of research in audiology and the publication of the results of such research.

ORIGIN

The Society was formed in 1967. Prior to this there was no national organization to promote audiology in Great Britain. British delegates to the 1966 VIII International Congress of Audiology in Mexico agreed that there was a need for such a Society and as a result the British Society of Audiology was formed at a meeting in January 1967. The 1968 IX International Congress of Audiology was held in London with the British Society of Audiology acting as host.

Since then, the Society has grown both in size of membership and influence, and is now a leading organization in the field.

COUNCIL

The governing body of the Society is the Council. This consists of eight elected Full Members, plus four Officers (now Trustees) of the Society who are the Chairman, Vice-Chairman, Honorary Secretary and Honorary Treasurer. Council also comprises up to ten ex-officio members who formally represent special interests and groups within the Society. In addition Council may co-opt individual members for their special knowledge, experience or interests.

COMMITTEES

The Society has four standing committees :

- (i) Programmes Committee, which arranges the annual programme of scientific meetings, some of which are held jointly with other societies.
- (ii) Education Committee, which fulfils the Society's role in establishing standards, qualifications and courses in audiology.
- (iii) Membership Committee, which considers applications for membership of the Society.
- (iv) Awards Panel, which advises Council on prospective recipients of the Society's prestigious awards.

Council is also able to set up working groups to consider specific issues as they arise.

MEMBERS

Membership is open to all people with an interest in audiology. Experts include audiology technicians, otologists, hearing aid dispensers, speech scientists, psychologists, speech and hearing therapists, teachers of the deaf, social workers, engineers, audiological scientists and physicians, general medical practitioners, research workers as well as hard of hearing people and parents of deaf children. Members' interests cover all aspects of audiology from electrophysiology to rehabilitation and include scientific, psychological, medical, prosthetic and sociological aspects of hearing impairment, hearing screening of neonates, industrial audiometry, and courses on many other topics. Noise, speech and vestibular function are also included in the diverse interests of members.

There are five classes of membership:

- (i) **FULL MEMBERS** : Persons who have demonstrated an interest in audiology and who are considered to be suitable and appropriate.
- (ii) **HONORARY LIFE MEMBERS** : Those who, in the opinion of Council, have made outstanding contributions to audiology.
- (iii) **STUDENT MEMBERS** : Persons registered for an approved full or part time course of study.
- (iv) **SPONSOR MEMBERS** : Organizations with an interest in audiology.
- (v) **AFFILIATED MEMBERS** : Organizations with a non-commercial interest in audiology.

Applications for Full Membership must be supported by two Full Members of the Society each of at least two years standing. Applications for Sponsor Membership and Affiliated Membership will be considered on an individual basis.

SUBSCRIPTION AND MEETING CHARGES

The membership year starts on the 1st June. Members elected after the 1st January pay half the subscription for that year.

The Society aims to keep subscription rates as low as possible and to run meetings economically.

FUNCTIONS OF THE SOCIETY

SCIENTIFIC MEETINGS

Throughout the year the Society holds regular scientific, clinical and technical meetings with a wide range of invited and contributed papers. Local branches and groups of the Society can also arrange meetings of their choice. From time to time the Society organizes joint meetings with the British Association of Audiology Technicians, the British Association of Audiological Scientists, the British Society of Hearing Therapists, British Tinnitus Association, Commonwealth Society for the Deaf, the Institute of Acoustics, the Royal Society of Medicine and many other societies. In addition to annual conferences, every four years the Society holds a major national or international conference covering a number of aspects of audiology.

ADVISORY ROLE

The Society is able to call on the resources of its membership to provide authoritative advice on audiological matters to Government and other organizations. It provides a headquarters for the National Committee of Professionals in Audiology - a forum for discussion between representatives of other audiological associations.

EDUCATIONAL ROLE

The Society organizes and advises on training courses for many different aspects of audiology. These include the examination of audiology technicians (with BAAT); hearing aid dispensing (with BSHAA), the examination and teaching of industrial audiometricians, hearing screening and short courses on many other topics. The Society also produces a series of recommended procedures on audiological techniques and is actively involved in the production of relevant national and international standards.

MAILING

Every two months members receive a mailing containing advance notice of Society meetings, details of job opportunities within audiology and general information about the Society's activities. Also included may be the meeting notices of other societies and product details from manufacturers, etc.

NEWSLETTER

The BSA News is sent to members with alternate mailings. The Newsletter provides an information service on audiological matters as well as a useful forum for readers' letters. Abstracts of some papers presented at Society meetings are also published in the Newsletter.

BRANCHES

Currently branches of the Society are active in the North of England, Scotland and in London, and others can be set up to represent geographical interests of the Society as required. Local branch meetings are accommodated within the calendar of meetings of the main Society.

JOURNAL

The British Journal of Audiology is the official Journal of the Society and is published six times per year. It has an international reputation and is recognised as a valuable part of the worldwide academic library on audiology.

The Editor welcomes contributions for publication from both members and non-members. The Journal is mailed directly to members under separate cover.

HEARING AID MUSEUM

The Society maintains a collection of hearing aids and other audiological memorabilia. The main exhibition is kept at the Royal National Throat, Nose and Ear Hospital, London WC1, and parts are available in transportable showcases on temporary loan for educational purposes.

HEARING AID AUDIOLOGY GROUP

This group within the Society was formed in 1982 to provide a forum for the large number of members interested in the many aspects of hearing aids and rehabilitation of hard of hearing people.

National and local meetings on hearing aids, with an emphasis on their practical applications, are a feature of the group's activities.

BALANCE INTEREST GROUP

The aim of the group is to function as a multi-disciplinary special interest group within the BSA with the intention of facilitating the exchange and dissemination of information and expertise relating to clinical aspects of vestibulology; raising awareness of issues relating to balance function and dysfunction; and promoting education and advancement in the assessment and management of balance disorders throughout the UK.

HEARING CONSERVATION GROUP

As a result of a meeting held in May 1994 this group has been set up.

Admission to the groups is open to all members of the Society, free of charge.

PRIZES

As a result of the generous gift to the Society by the organising committee of the IX International Congress on Audiology (London 1968), a lectureship and prize fund was set up, in honour of the late Dr Thomas Simm Littler, a pioneer in British audiology.

- (i) The Thomas Simm Littler Lecture is delivered every two years, during a conference of the Society. The Lectureship carries an honorarium and a memorial scroll.

Presenters of the Lecture have been:

Sir Alexander Ewing	(1971)	Professor D W Robinson	(1987)
Professor W Burns, CBE	(1975)	Professor R Hinchcliffe	(1989)
Dr T J Watson, MC	(1979)	Dr R R A Coles	(1991)
Dr L Fisch	(1983)	Dr J J Knight, OBE	(1993)
Dr J D Hood		Mr David Adams, FRCS	(1995)

- (ii) The Thomas Simm Littler Prize is awarded annually to the best academic contribution to audiology. Preference is given to candidates below the age of thirty-five. The prize carries an honorarium together with a memorial scroll.

Ruth Spencer Prize

The prize fund was established to honour the memory of Ruth Spencer who until her death in 1974, was an audiology technician at the University of Southampton. The prize is awarded annually to the best contribution to audiology by a non-graduate Member of the Society.

To: Career Departments at Universities, Colleges and Schools

The current edition of the Society's Careers Booklet entitled *Careers in Audiology* has been updated to include telephone numbers. One copy is attached for your use at no cost to yourselves and I hope you will find it useful. It follows a similar format to previous editions.

Further copies are available at £3 per copy. Cheques with order please.

Please note that this booklet is due to be revised shortly to incorporate changes which have taken place in Audiology since it was published. In the meantime please note that starting in September 2002, three new BSc Courses in Audiology have been set up as follows:

University of Manchester

Centre for Communication & Deafness, Faculty of Education, Oxford Road,
Manchester M13 9PL (tel. 0161 275 3379)

De Montfort University

Nottingham School of Audiology, Ropewalk House, 113 The Ropewalk, Nottingham
NG1 6HA (tel. 0115 948 5551)

University of Wales, Swansea

School of Health Science, Faculty of Education, Singleton Park, Swansea SA2 8PP
(tel. 01792 518 556)