Faculty of Pharmaceutical Sciences University of Copenhagen

Bjarne Fjalland
April 6th 2009

Pharmacy students	**1200**
annual intake	**240**
Students of Pharmaceut. sciences	**50**
annual intake	**25**
Guest students	**100**
PhD students	**120**
annual intake	**35**
”Master students”	**around 200**
Staff	**400**
academic staff	**50 %**

Department of Pharmaceutics and Analytical Chemistry

- Drug techniques
- Drug delivery and formulation
- Drug oriented analytical and physical chemistry
- Toxicology and environmental chemistry

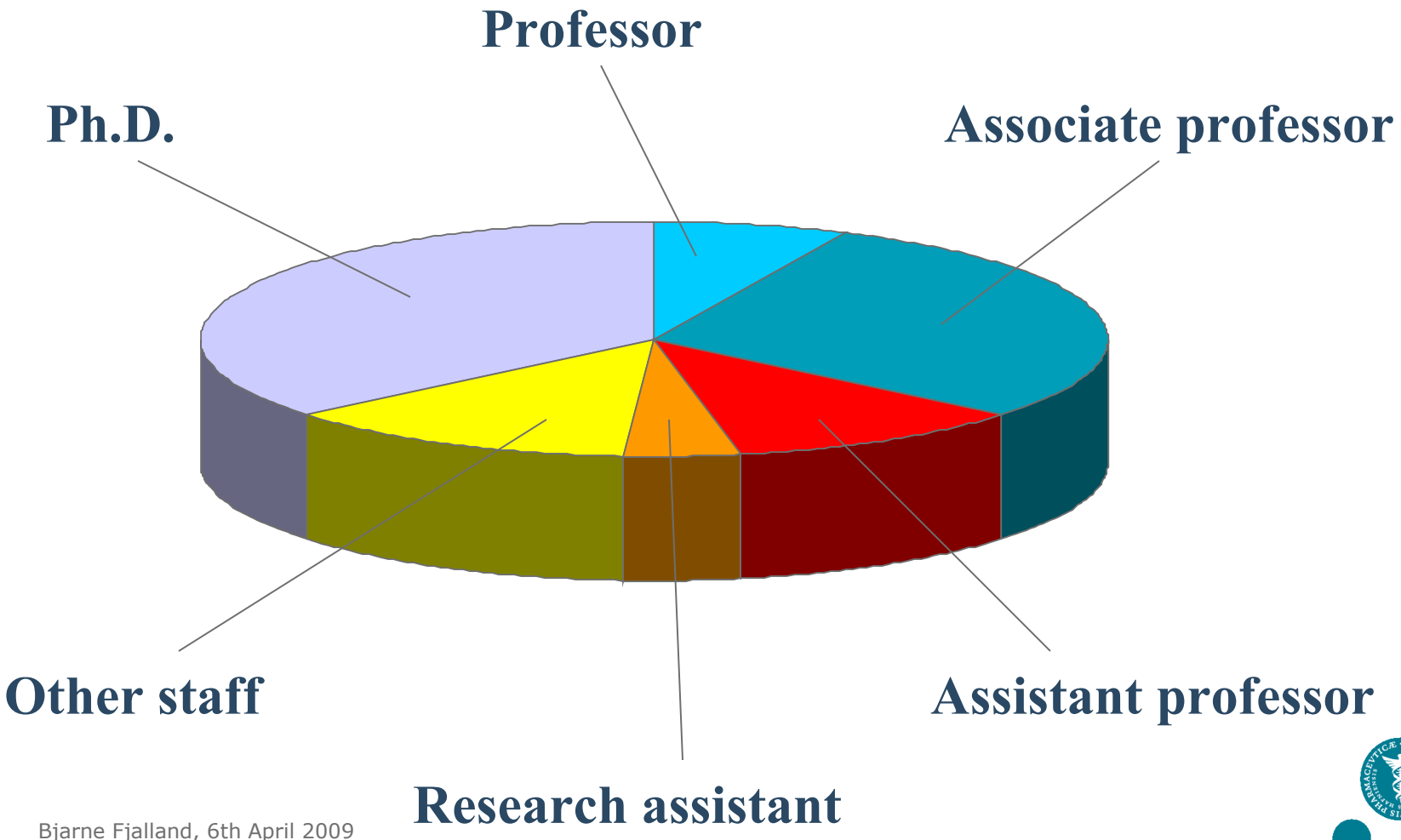
Department of Pharmacology and Pharmacotherapy

- *In vitro* and *in vivo* pharmacology
- Immuno pharmacology
- Biochemical pharmacology
- Cellular neuropharmacology
- Molecular pharmacology
- Clinical pharmacy
- Social pharmacy

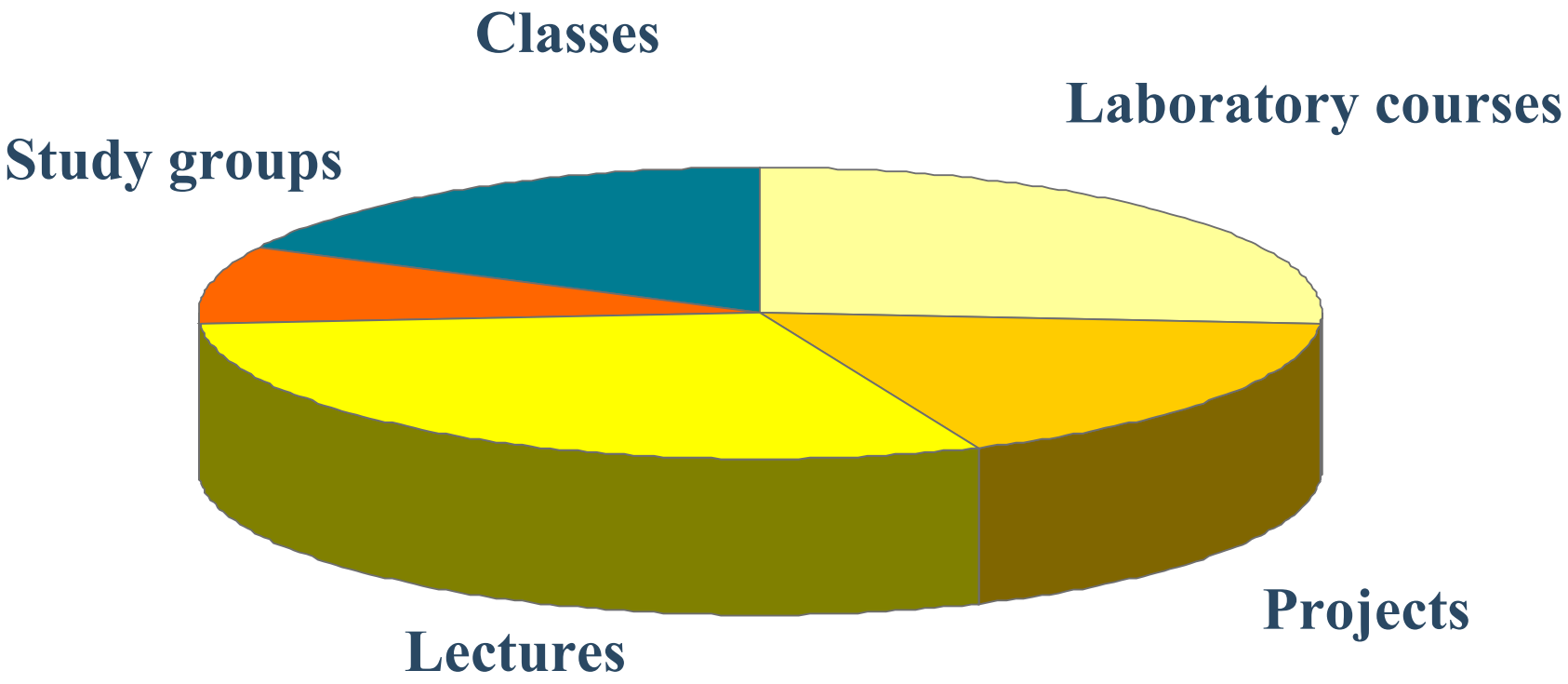
Department of Medicinal Chemistry

- Biostructural research
- Pharmacognocy
- Natural product research
- Medicinal chemistry
- Chemical biology

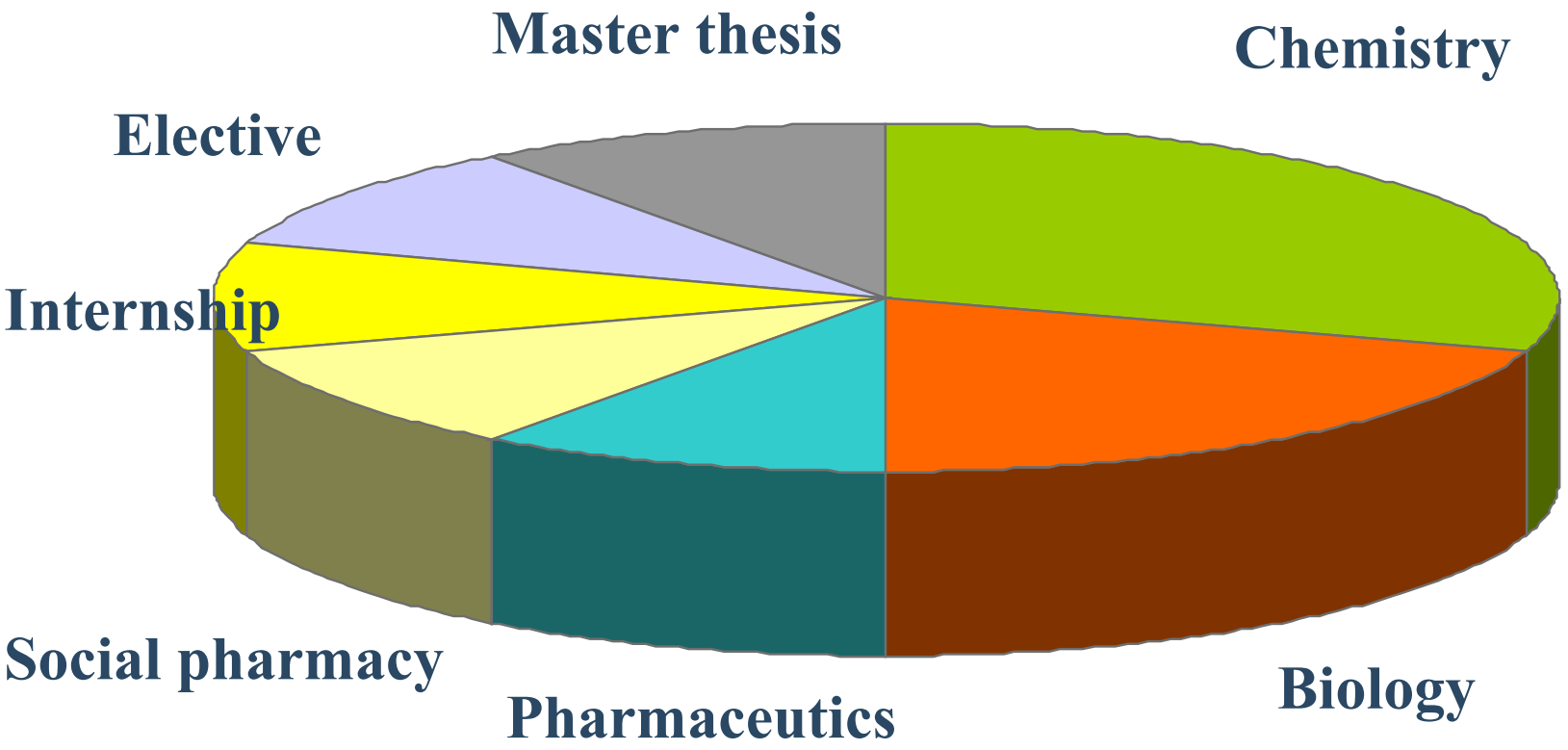
Scientific staff



Teaching methods



Curriculum


Master thesis
Chemistry
Elective
Internship
Social pharmacy
Pharmaceutics
Biology

Educational structure at FF

Full-time educations

Cand.Pharm. (= pharmacist)

Pharmaceutical Candidate edu.

Start 1. 9. 06

Pharmaceutical Bachelor edu.

Start 1. 9. 03

Cand.Scient. (in pharmaceutical science)

Candidate edu. Pharmaceutical sciences

Start 1. 9. 04

Non-pharmaceutical Bachelor edu.

Part-time educations

Master-educations (open education / Postgraduate)

MIND
Master in Industrial Drug Development

MDM
Master in Drug Management

MPRA
Master in Pharmaceutical Regularory Affairs

Curriculum – from September 2003

1st – 6th semester	Chemical subjects	(67½ ECTS)
	Math./Phys./Stat.	(16 ECTS)
	Biological subjects	(40 ECTS)
	Social Pharmacy etc	(21 ECTS)
	Pharmaceutics	(20½ ECTS)
	Bachelor project	(15 ECTS)

Bachelor of Pharmacy →

7th semester	Chemical subjects	(12 ECTS)
	Biological subjects	(12½ ECTS)
	Other subjects	(5½ ECTS)
8th semester	Internship	(30 ECTS)
9th semester	Elective courses	(30 ECTS)
10th semester	Master Thesis project	(30 ECTS)

Master of Science in Pharmacy →

Curriculum

1. semester	2. semester	3. semester	4. semester	5. semester	6. semester	7. semester	8. semester	9. semester	10. semester
Introduct. course	Physics	Physical chemistry	Basic pharmacology	Organ related pharmacologi		Pharmaco therapy	Internship	Elective courses	Master thesis project
Matematics	Pharmakopé-project	Biochemistry	Social pharmacy		Pharmacognosy and natural product chemistry	Toxico-logi			
Basic and inorg. chemistry	Quantitat. analytical chemistry	Microbiology		Drug formulation	Bachelor-project	Drug chemistry			
Organic chemistry I	Organic chemistry 2	Bioorganic chemistry	Instrument. analytical chemistry	Drug production		Bioinfor-matics			
Spektro-skopy	Statistics	Philosophy of science	Disseminat, and method in soc phar			Drug economy			
Safety course						Ethics			

Laboratory exercises in the course

Bologna 2010

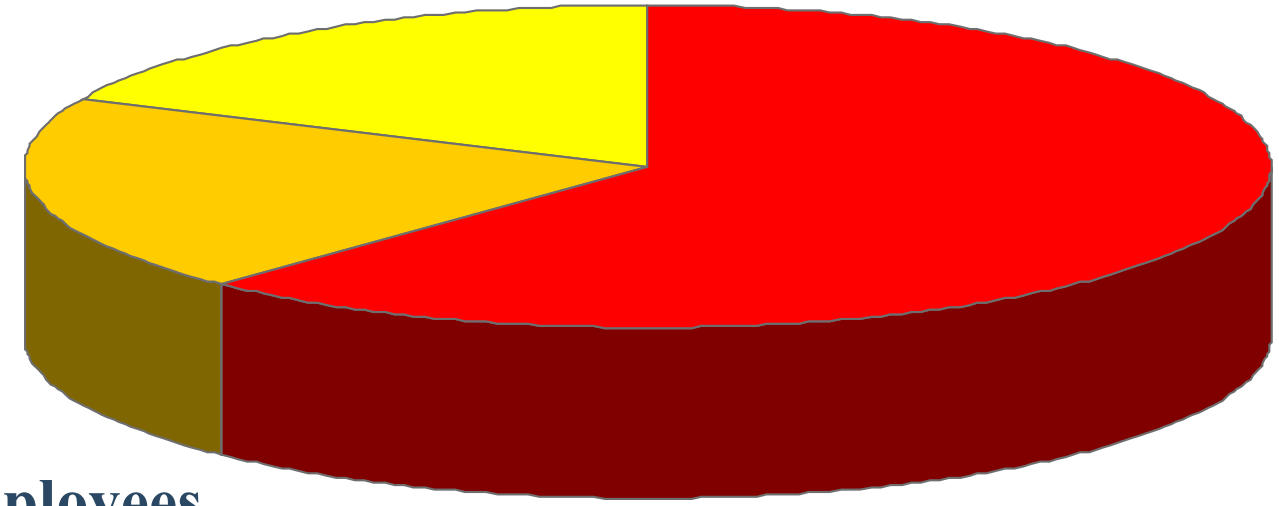
Development of a coherent European Higher Education Area

- Adopt a system of easily readable and comparable degrees
- Adopt a system with two main cycles (3 + 2)
- Establish a system of credit (ECTS)
- Promote mobility by overcoming obstacles
- Promote European co-operation in quality assurance
- Promote European dimensions in higher education

Area of employment

Community pharmacy

Pharmaceutical industry



Public employees

Public employees includes i.e.: Hospital pharmacy and academia

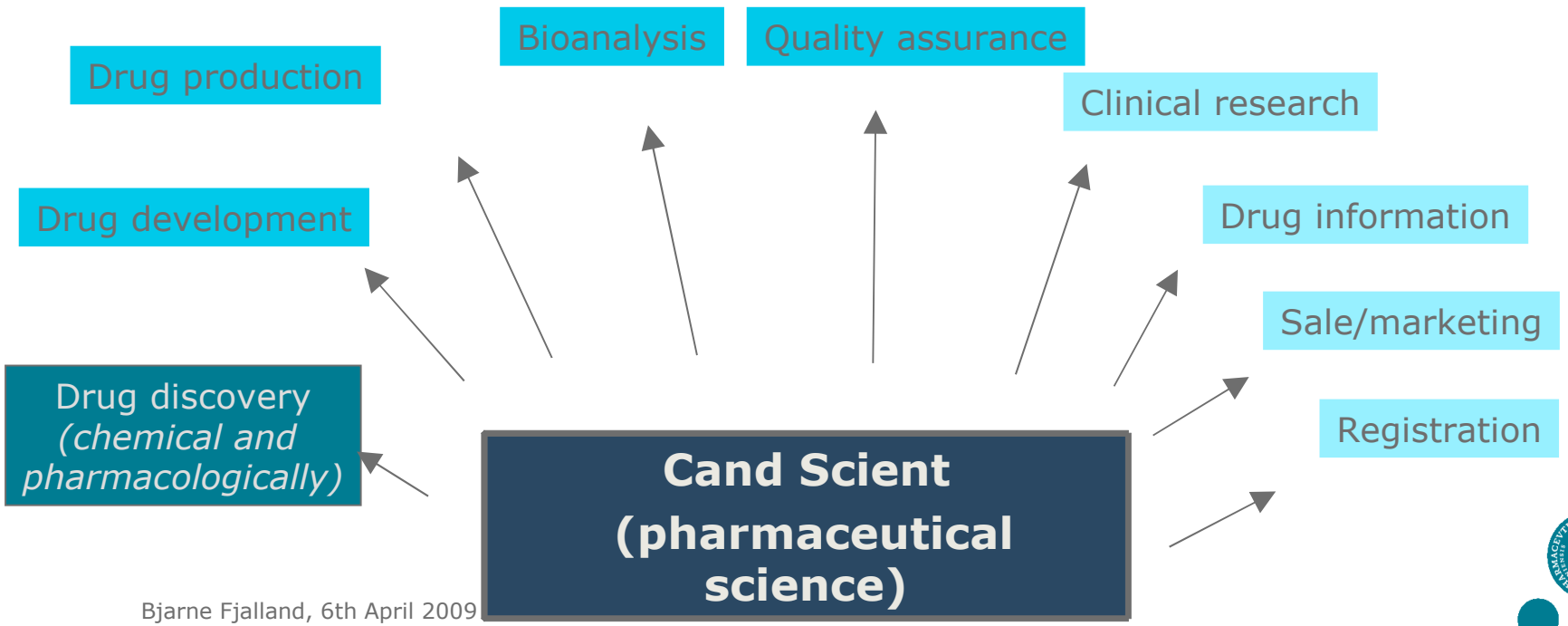

medicon Valley
Ängelholm
Helsingborg
Elsinore
Landskrona
Eslöv
Denmark
Sweden
Øresund
COPENHAGEN
SKÅNE
Lund
Malmö
Roskilde
Køge
The Øresund Fixed Link
BIOGEN
Hillerød
NEUROSEARCH
oticon
Remedium
FERRING
Pharmaceuticals
SYNTESE
CMC
CIPHERGEN
LIFEASSAYS
Lude
CELLTRIX
COPENHAGEN CAPACITY
position skåne
Denmark
Sweden

Cand Scient in pharmaceutical science

Pharmaceutical chemical drug development and -production

Drug discovery

Drug-documentation, -information og -use

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SIGILLVM FACVLTATIS HAFNIENSIS