

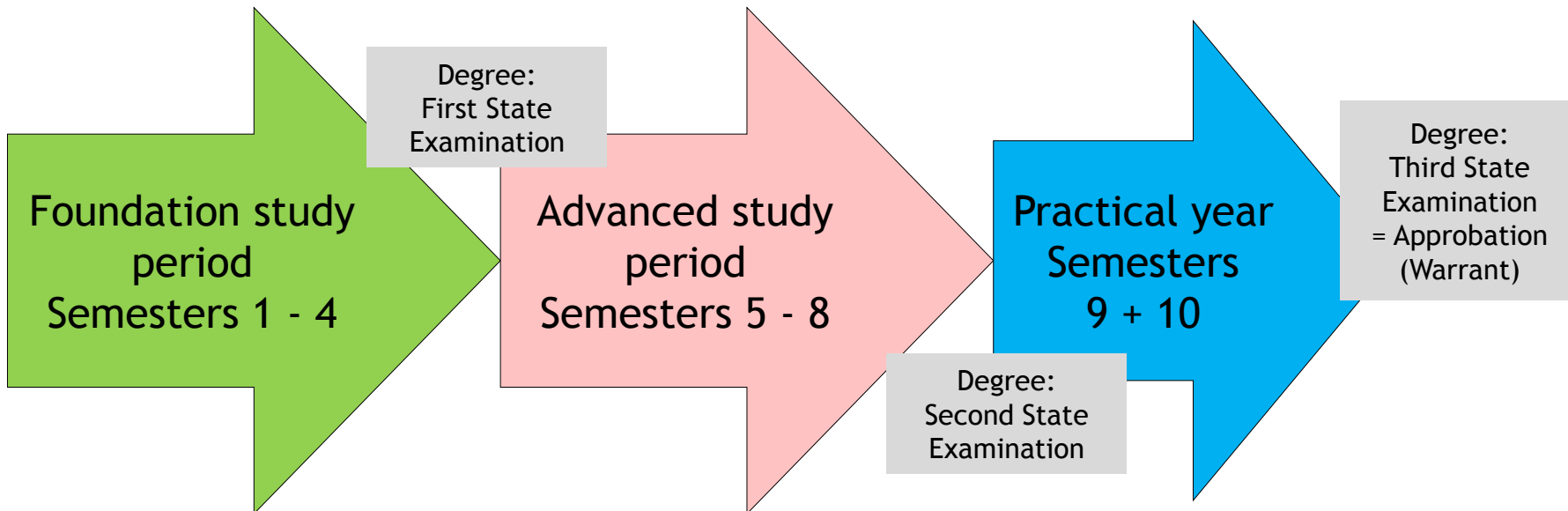


## **Linking Pharmacy Education, research and training with employment**

Dr. Anne Ettner, Glatt Pharmaceutical Services

- **Structure of Pharmacy Studies in Germany**

(comparable structure in Greece and Germany)





## 21st EAFP Annual Conference

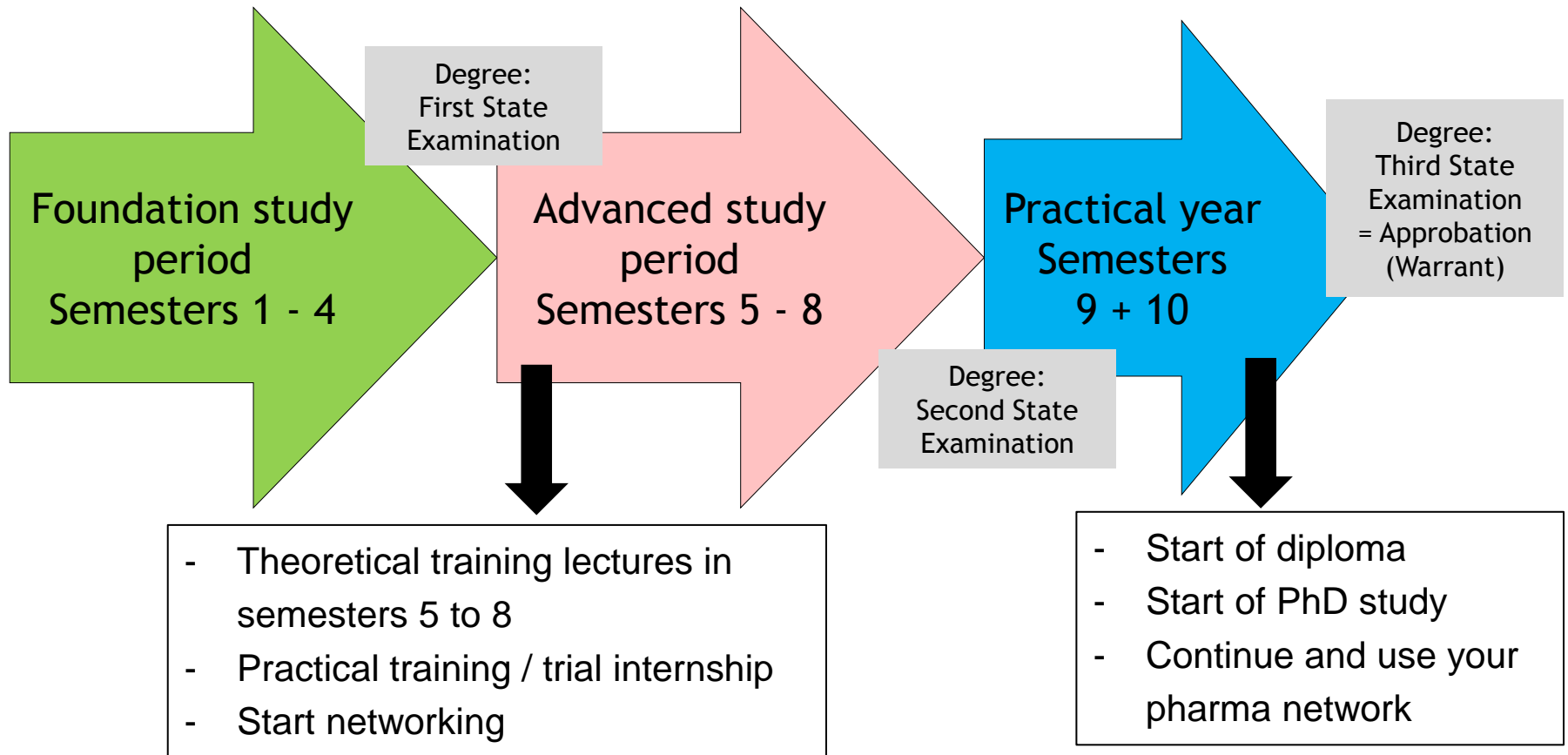
- Options for Linking Pharmacy Education with Pharmaceutical Industry
  - Advance study period (semesters 5 - 8)
    - Proposal for Linking opportunities:

“... give some lectures during the 3<sup>rd</sup> year, just when the student has gained the general knowledge (1<sup>st</sup> and 2<sup>nd</sup> year) and then more specialized pharma courses start. This way, students would have the chance to get to know more about the industry. And then, having some lectures during the 5<sup>th</sup> year, towards the end of the studies, would be useful to

      - a) Provide more updated information about the industry and
      - b) Give the students - who have decided to follow this path- the opportunity to get in contact with people from this field to build a network”

(Proposed by Tereza Bakakou, Athens)

## Options for Linking Pharmacy Education with Pharmaceutical Industry





## 21st EAFP Annual Conference

- Options for Linking Pharmacy Education with Pharmaceutical Industry
  - Advance study period (semesters 5 - 8)
    - Proposal for Linking opportunities:

**more “work together”**



## 21st EAFP Annual Conference

- Options for Linking Pharmacy Education with Pharmaceutical Industry
  - Options at Glatt Pharmaceutical Services:
  - Diploma studies:
    - Claudia Rechtsteiner (2004) : Evaluation of different pelletization methods
    - Khaleel Adel Qasim (2010) : Paracetamol between Tableting and Pelletizing
    - Maria Johanna Steinebrunner (2011): Direct pelletization of micro pellets
    - Mariam Mukarker (2013): Comparison of Wurster- with Tangential spraying system
    - Adamantia Katsini (2013): Optimisation of Direct Pelletization using Experimental Design
    - David Garnier (2014): Comparison of two inlet air distribution plates
    - Thomas Allard (2014): Evaluation of starting beads quality on MUPS



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- **Options for Linking Pharmacy Education with Pharmaceutical Industry**
  - Options at Glatt Pharmaceutical Services:
  - PhD studies:
    - Axel Schiffmann (2005): WIP (Washing In Place) and CIP (Cleaning In Place)
    - Mathias Plitzko (2010): Freeze drying in the Fluidized Bed
    - Marie Guhmann (2013): Taste masking of orodispersible tablets

**Glatt Pharmaceutical Services welcomes groups of Pharmaceutical Students from Universities for theoretical and practical training in solid dosage form development and manufacture. Please contact us!**



Thank you!

Thanks to Tereza Bakakou (Athens) and Steve Calascione (Malta)

Dr. Anne Ettner, Pharmacist

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